

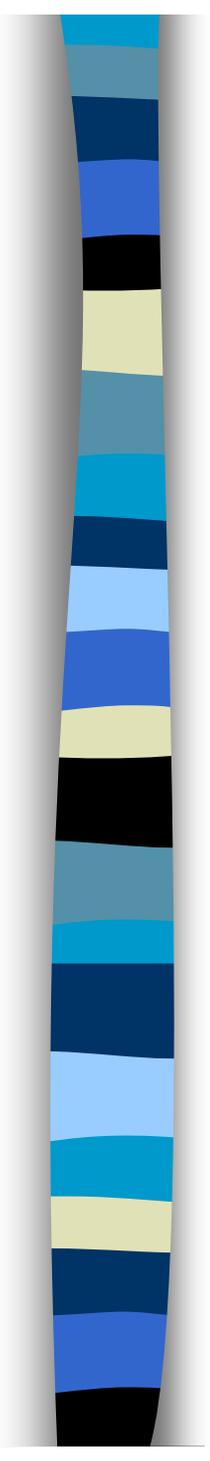
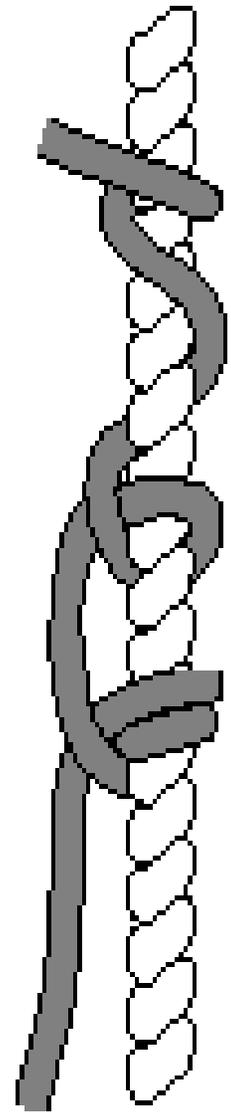
Marlinspike Seamanship

Objectives:

- What is Marlinspike Seamanship?
- Line Care
- Learn to tie most-used knots

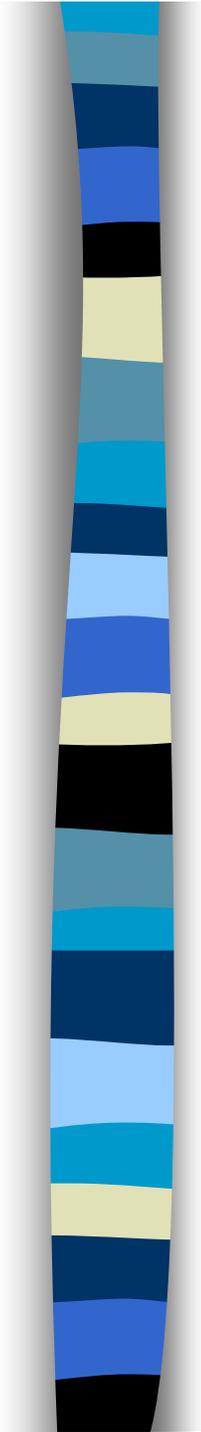
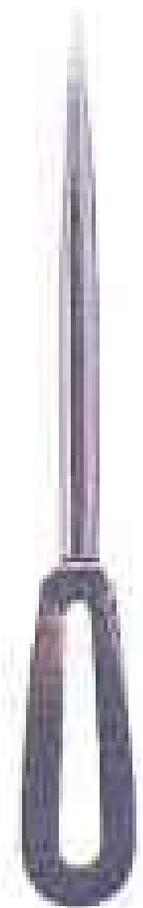
Marlinespike Seamanship

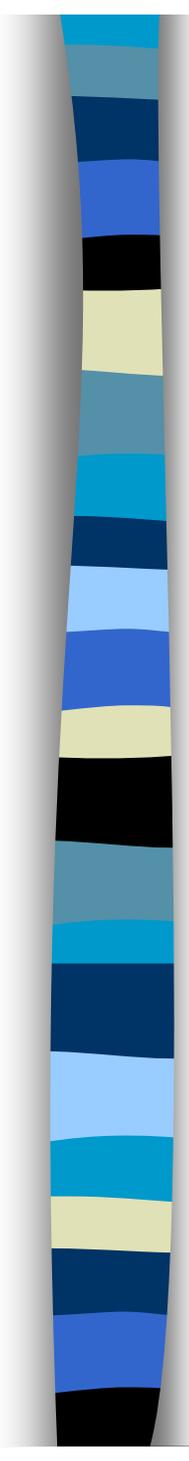
- Marlinespike is the art of seamanship that includes the tying of various knots, splicing, working with cable or wire rope, even making decorative ornaments from rope or line.



Marlinespike Seamanship

- The name marlinespike is derived from the tool that is used for splicing. It can be a tapered metal pin or carved of wood.
- Once a rope is onboard a boat and is given a specific purpose, such as dock line, halyard, etc. it is called a **line**, not a rope.





Marlinespike Seamanship

Common types of line

- Natural Fibers
 - manila- not great in salt water and shrinks when wet
- Nylon
 - strongest line for its size, stretches up to 40%, can be stored wet
- Polyester
 - not as strong and stretchy as nylon, may chaff
- Polypropylene
 - floats, least costly, can cut skin , deteriorates in sunlight
- Wire Rope
 - very strong, has little stretch, needs to be kept lubricated



Line Care

- Keep clean
- Keep dry
- Protect from abrasion
- “Whip” ends to prevent unraveling



Overhand Knot

Use sparingly as it is difficult to untie after tightening

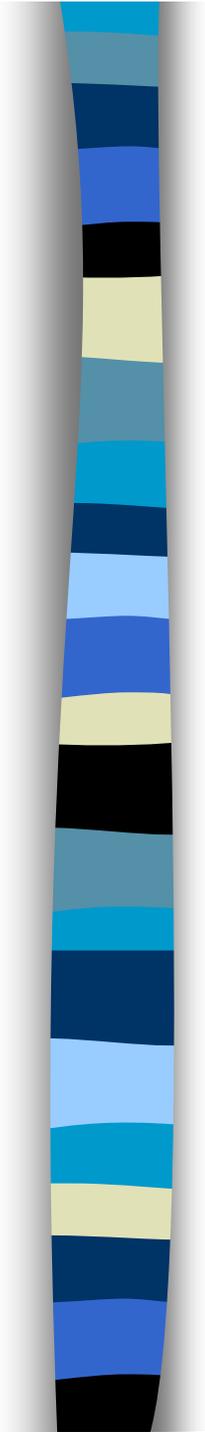
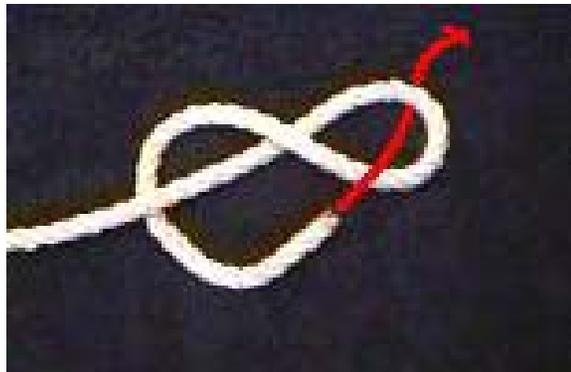
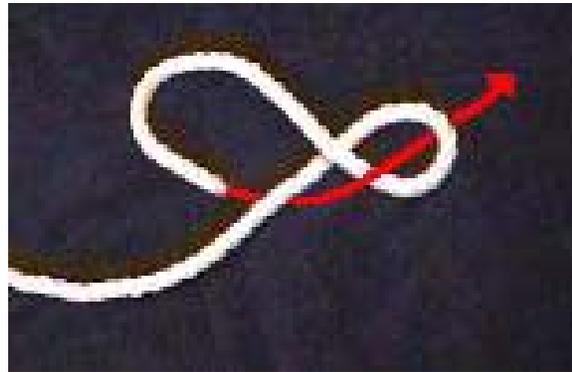


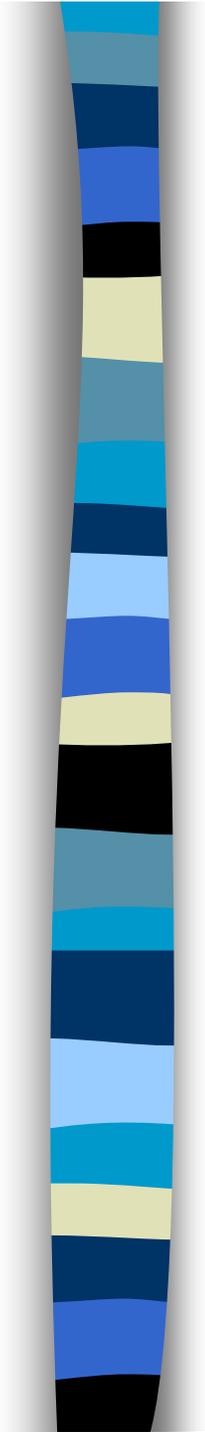
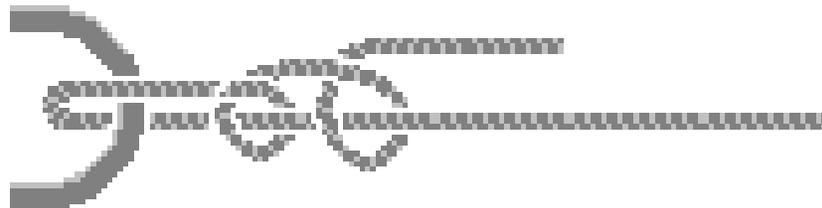
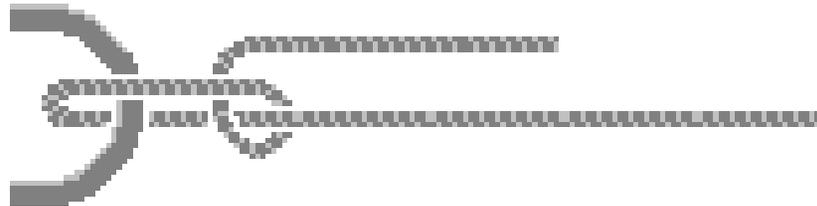
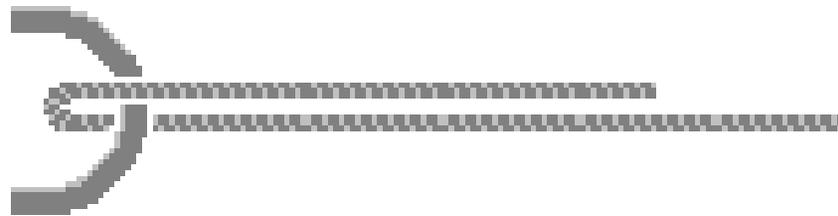
Figure Eight Knot

Used as a stopper



Two Half Hitches

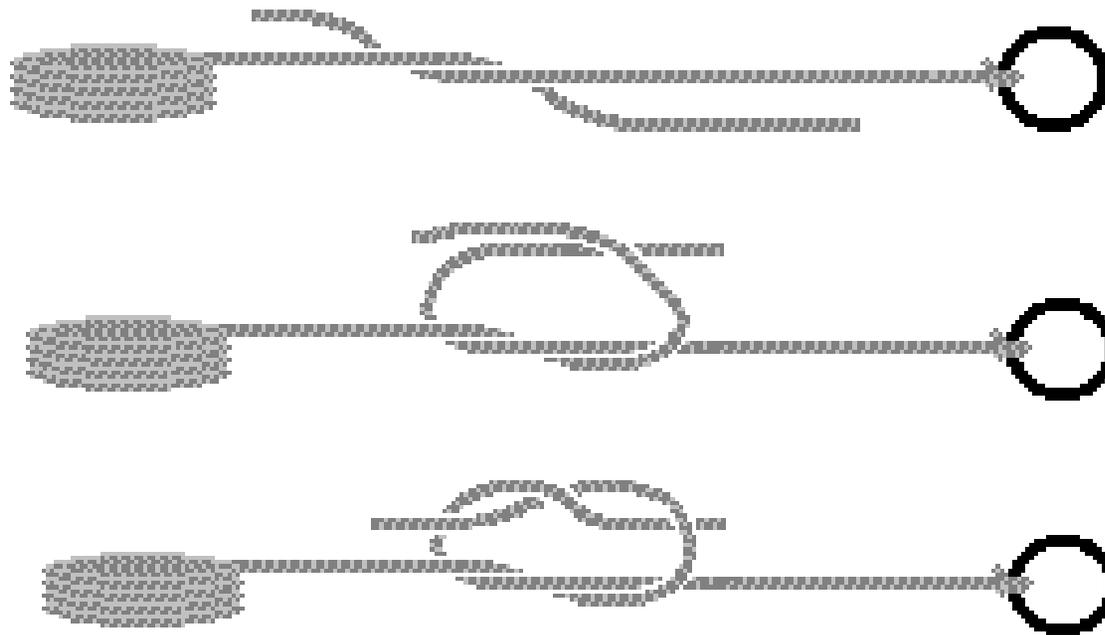
Used most often in mooring



Square Knot

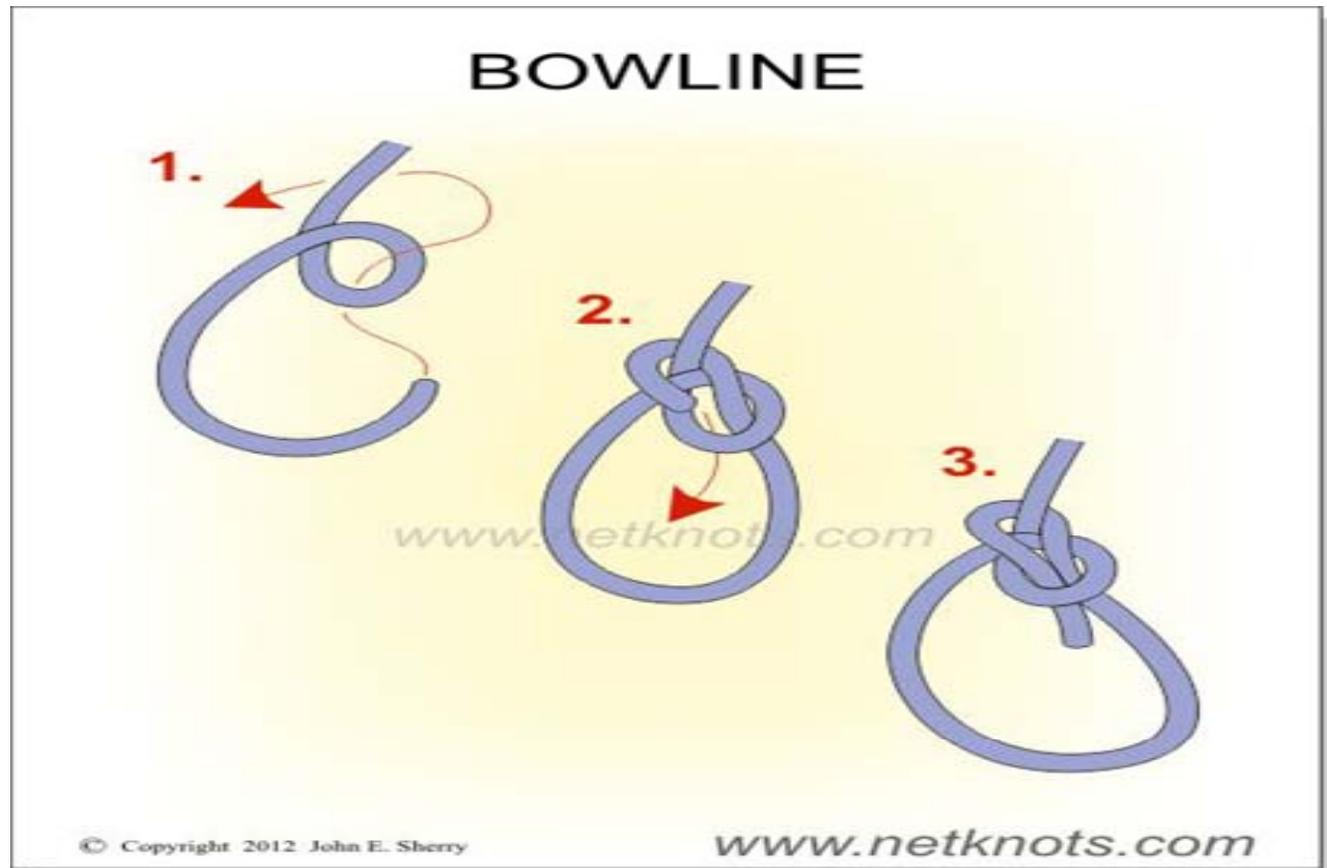
Used to tie together two lines of the same diameter

“Left over Right”, “Right over Left”

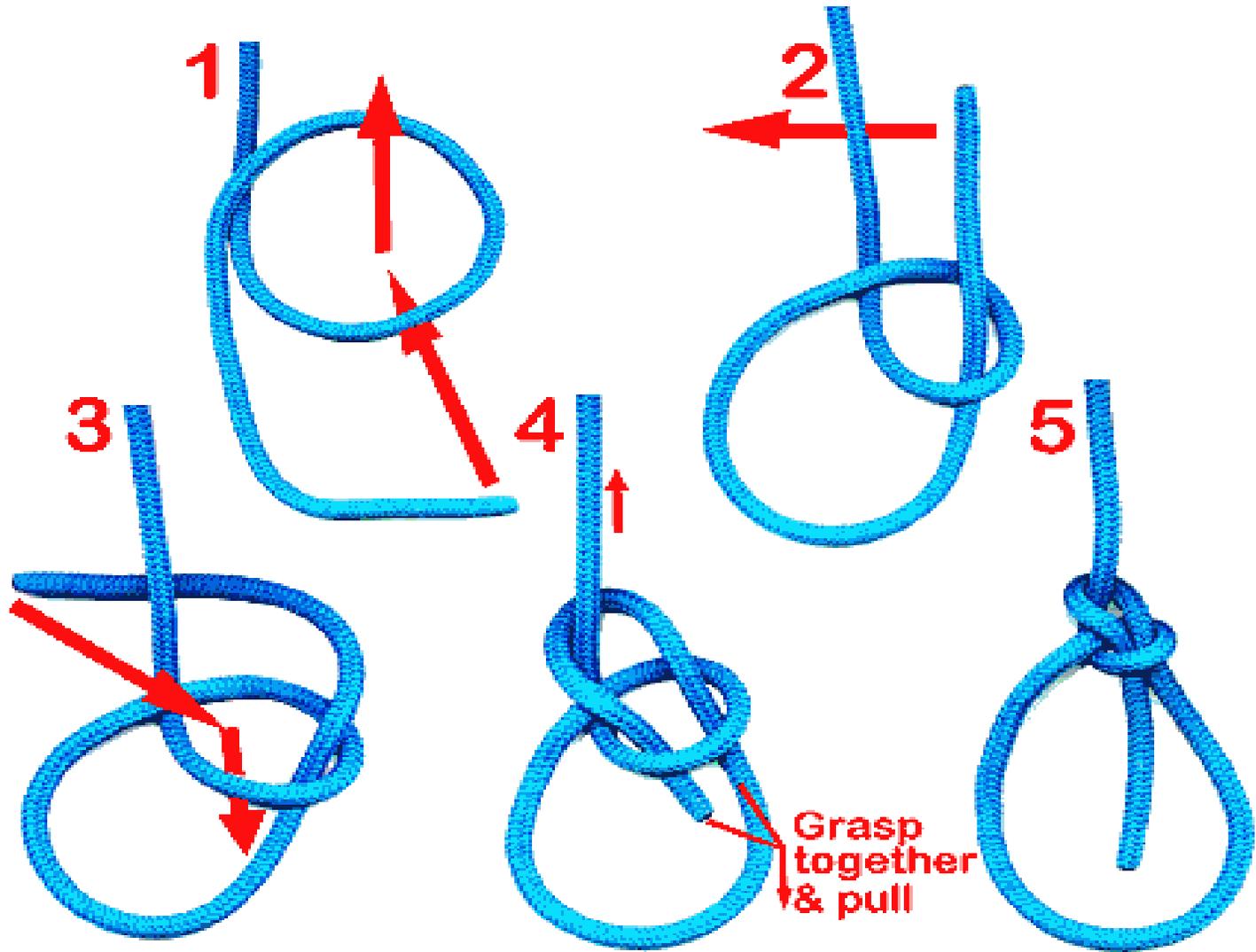


Bowline “king of knots”

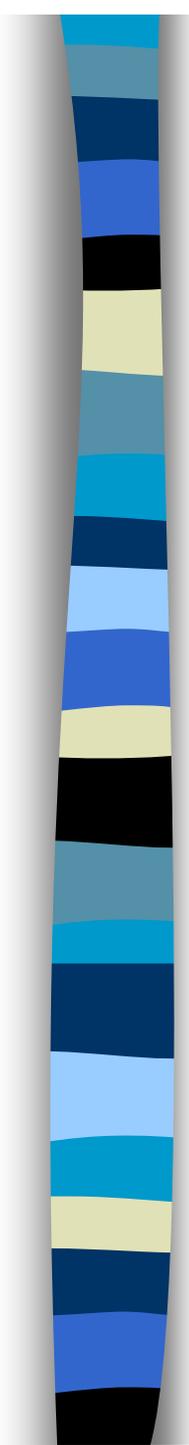
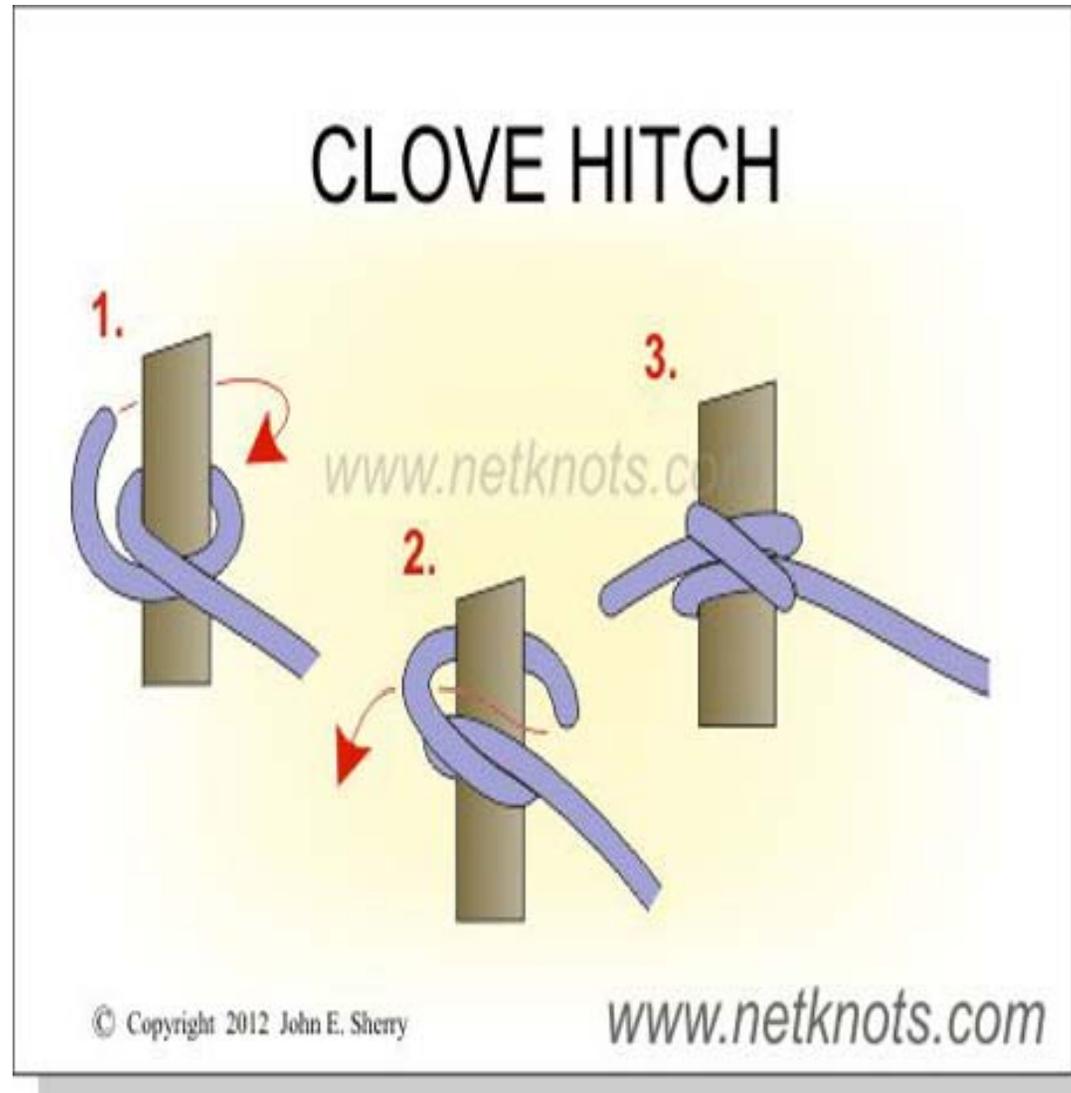
Used to fasten your line to a object or just to make a loop in your line that wont slip.



Bowline

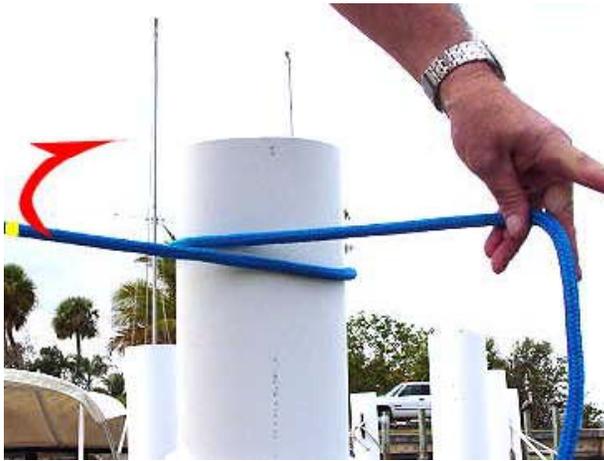


Clove Hitch - Used for quick, temporary post, spar or stake.



Clove Hitch

1



2



3



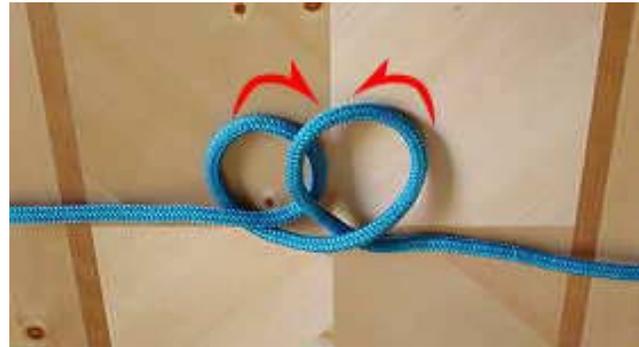
Clove Hitch

If you can reach the top of a piling or buoy, an alternative way to tie a clove hitch is to follow the instructions below and then slip the loop over the piling or buoy and tighten.

1



2



3

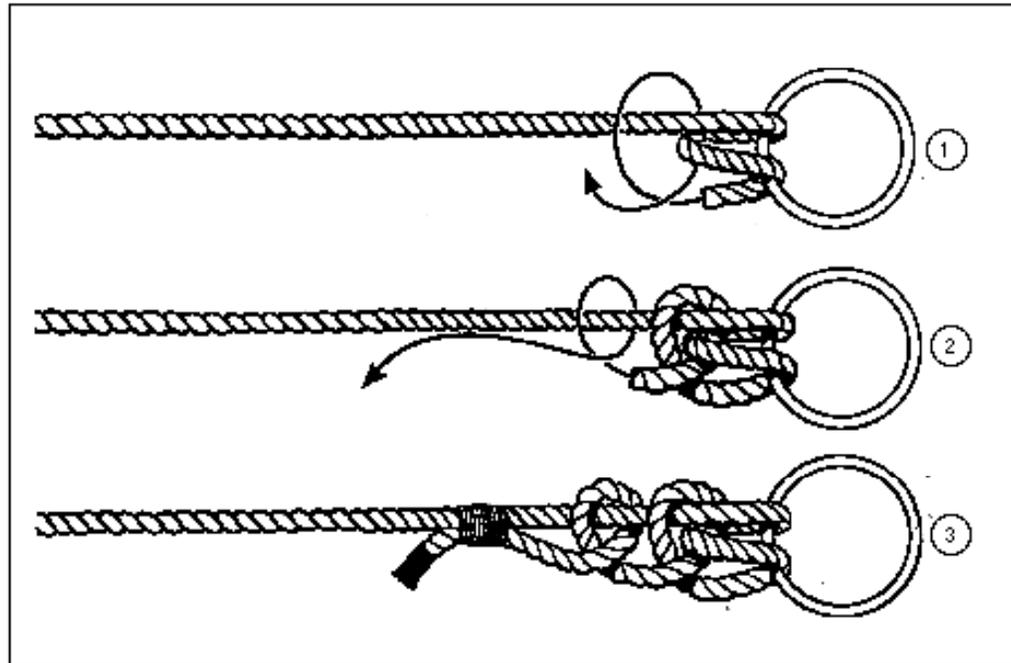


4



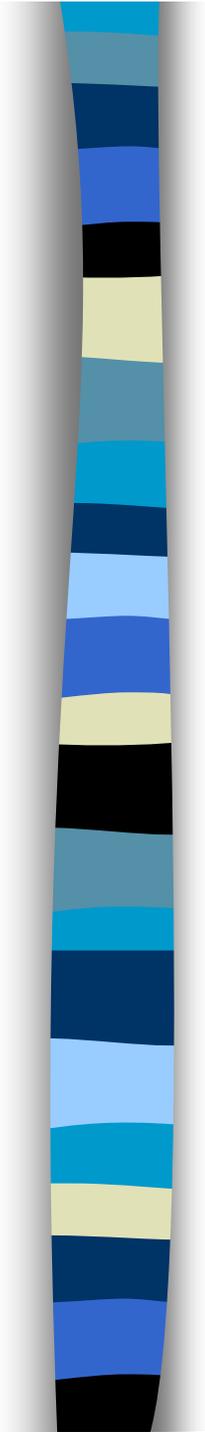
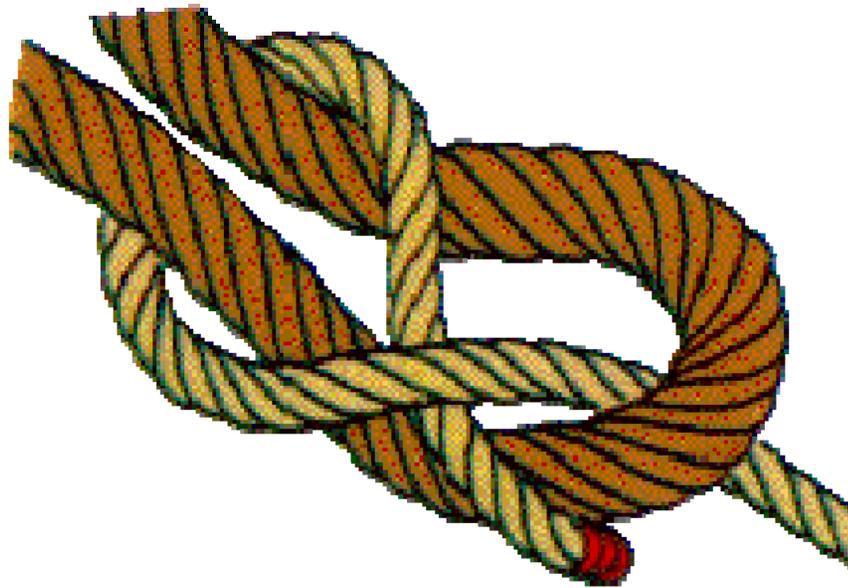
Anchor Bend

Used to secure a rope or a line to an anchor



Sheetbend

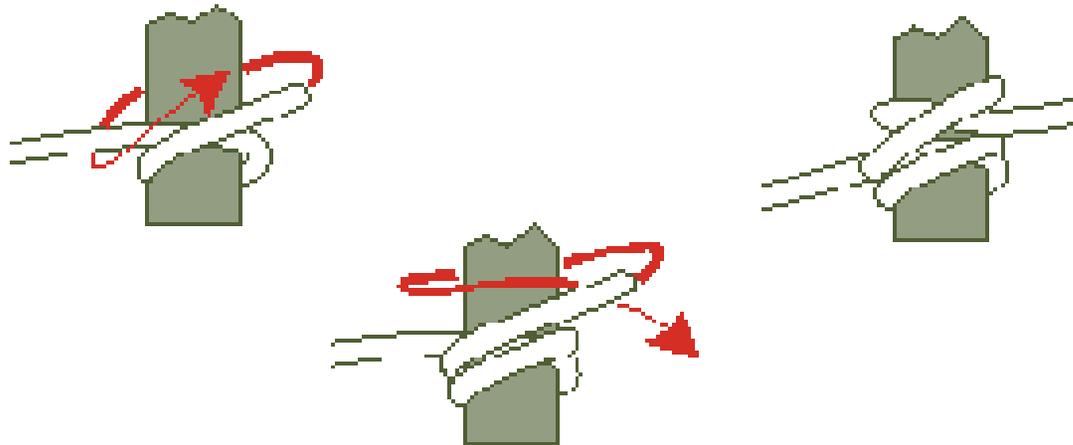
Used to tie together two lines of different diameter



Rolling Hitch

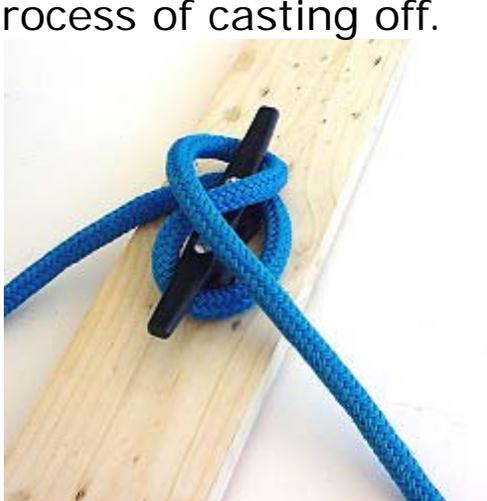
Used to tie a small line to a standing part of a larger line.

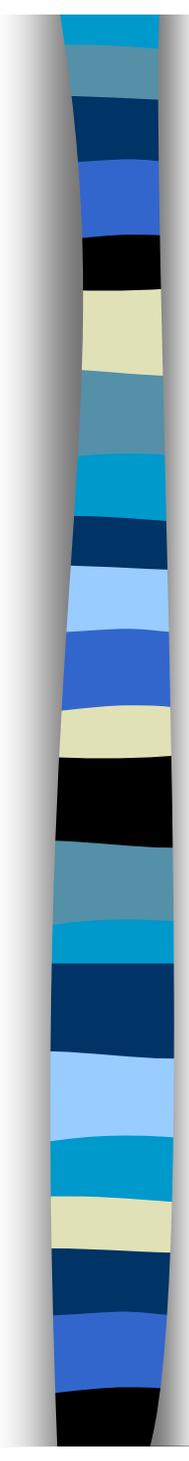
Also used to attach a line to a round wooden or metal object and is very useful for making a fender line fast to a lifeline or rail



Cleat Wrap

Take the line to the ear of the cleat furthest from where the line comes from the load. Take one wrap around the base of the cleat and then figure eight across the top of the opposite ear. Finish with a half hitch turned under so that the line is coming away from the cleat in the opposite direction. More wrappings and hitches are not needed, as they only slow the process of casting off.





References for tying knots:

www.animatedknots.com

www.netknots.com

www.sacdelata.com

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