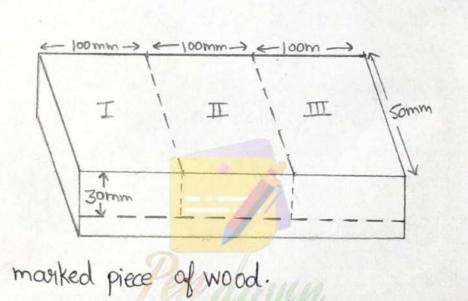
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MECHANICAL WORKSHOP  ASSIGNMENT-1
Objective: To make Cross-lap joint as shown in figure.
All dimensions in 'mm'  Thitial Material is soft wood of 300x50x50 mm.

## Tools Used 1 Ruley 2 Pencil @ Figimen chizel 3 Try Square 3 Mallet 6 wood Rasp file 7 Saw

Scanned with CamScanner

Carpenter's Bench vice, Firmer chizel, mallet, wood Rasp file.
Saw, stules, pencil, try square,
Combenter's Bench vice, Firmer chisel, mallet,
wand Rash life.
week resp give.
Steps used :- 1 Marking
2 Planing
3 Sawing
4 Chisolina
4 Chizeling  5 Planing / Finishing
2) Figning / Finishing
Procedure:
1 Take a piece of wood of 300 X50 X50 mm and plane one side using Jack plane and check straightness using try square.
Have and side were Tack blance and clock
prane one side using sack plane and theck
Straightness using try square.
300mm ->
1 / 50mm
\·\
Somm
1
Chrosal II
Striaight and plane piece of wood

2 Using Ruler and bencil (as by marking Gauge)
mark lines parallel to edge of wooden piece
Two lines along length first at distance roomm
and other at 200 mm from an edge,
and along thickness, mark 30 mm.



- 3) Now fix the marked piece of wood on bench vice and cut it using a saw along the markings
- A Now, we will take piece I and mank at length 25 mm from both ends along the length, 15 mm along the width from top face wing on both the opposite sides using pencil and a stuley.

