Lab - 10.

```
class Table
{
  int n;
  synchronized void printable(int n)
  {
    for(int i = 1; i<=10; i++)
    {
      System.out.println(n + "x" + i + "=" + (n*i));
      try
      {
        Thread.sleep(400);
      }
      catch(Exception e)
      {
        System.out.println(e);
      }
    }
  }
}
class Five extends Thread
{
  Table n;
  Five(Table n)
  {
    this.n = n;
  }
  public void run()
  {
    n.printable(5);
  }
```

```
class Hundred extends Thread
{
    Table n;
    Hundred(Table n)
    {
        this.n = n;
    }
    public void run()
    {
        n.printable(100);
    }
}
class MultiplicationTable
{
    public static void main(String args[])
    {
        Table n = new Table();
        Five f = new Five(n);
        Hundred h = new Hundred(n);
        f.start();
        h.start();
    }
}
```

Expected output:

5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50

100 x 1 = 100
100 x 2 = 200
100 x 3 = 300
100 x 4 = 400
100 x 5 = 500
100 x 6 = 600
100 x 7 = 700
100 x 8 = 800
100 x 9 = 900
100 x 10 = 1000