Name - Yash Lakhtariya
Enrollment number - 21162101012
Branch - CBA , Batch - 31
OOP Practical 3

Problem : Aditya went to a supermarket to purchase 12 pens where each pen is of Rs. 10 and a set of 6 books each costing Rs. 40. Compute the total cost incurred by Aditya in purchasing the stationary items, that is, the total invoice to be generated by the shopkeeper through java program implementation.

Code :

```
import java.util.Scanner;

public class prac_3 {
   public static void main(String[] args) {
      int cost_p, cost_b, p, b, pt, bt, total ;
      cost_p=10;
      cost_b=60;
      Scanner in=new Scanner(System.in);
      System.out.print("\nEnter the number of pens purchased : ");
      p=in.nextInt();
      System.out.print("Enter the number of books purchased : ");
      b=in.nextInt();
      in.close();
      pt=cost_p*p;
      bt=cost_b*b;
      total=pt+bt;
      System.out.println("\nItem\t\tQty\t\tCost\t\tTotal\n");
      System.out.println("Pens\t\t" + p + "\t\t" + cost_p + "\t\t"+ pt);
      System.out.println("Books\t\t" + b + "\t\t" + cost_b +"\t\t" + bt);
      System.out.println("\nTotal\t\t"+ (p+b) + "\t\t" + (cost_b+cost_p) + "\t\t" +
total);

   }
}
```

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Output :