```
package Q_01;
import java.util.Scanner;
public class Q 01 {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter the first integer: ");
        System.out.print("Enter the second integer: ");
        System.out.println("The smallest integer is: " + min);
```

```
Enter the first integer: 7
Enter the second integer: 4
Enter the third integer: 10
The smallest integer is: 4

Process finished with exit code 0
```

Q2.

```
public class Q 02 {
   public static void main(String[] args) {
        System.out.println("0.Magenta");
       System.out.println("1.Cyan");
       System.out.println("2.Red");
       System.out.println("3.Blue");
       System.out.println("4.Green");
       System.out.println("Select a color from the above list: ");
                System.out.println("You selected Magenta");
                System.out.println("You selected Cyan");
                System.out.println("You selected Green");
```

```
0.Magenta
1.Cyan
2.Red
3.Blue
4.Green
Select a color from the above list:
1
You selected Cyan
Process finished with exit code 0
```

```
package Q 03;
public class Q 03 {
   public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
       System.out.println("Enter the power of 10: ");
        switch (power) {
                System.out.println("10 to the power of 9 is: Billion");
                System.out.println("10 to the power of 12 is: Trillion");
                System.out.println("10 to the power of 21 is: Sextillion");
                System.out.println("10 to the power of 30 is: Nonillion");
                System.out.println("Invalid input");
```

```
Enter the power of 10:

15

10 to the power of 15 is: Quadrillion

Process finished with exit code 0
```

Q4.

```
Enter the year:

1800

1800 is not a leap year

Process finished with exit code 0
```

```
import java.util.Scanner;
public class Q 05 {
        Scanner scanner = new Scanner(System.in);
        System.out.println("\tMenu");
        double sideDishPrice[] = \{0.79, 0.69, 1.09, 0.59\};
                loop(entree, entreePrice);
                item = scanner.nextInt();
                output(entree,entreePrice,item);
                 loop(sideDish, sideDishPrice);
                item = scanner.nextInt();
                output(sideDish, sideDishPrice, item);
                 loop(drink,drinkPrice);
                output(drink, drinkPrice, item);
                System.out.println("Invalid input");
    public static void loop(String array[], double priceArray[])
        for (int i = 0; i < 4; i++)
```

```
---Welcome to MyJava Lo-Fat Burgers---
   Menu
1.Entree
2.Side Dish
3.Drink
Please choose one of the menu categories by entering number.
1.Rice Cracker
                   $0.79
2.No-Salt Fries
                   $0.69
3.Zucchini $1.09
4.Brown Rice
                   $0.59
Enter the number to add item to the order.
Zucchini added to the order. Total cost $1.09
Process finished with exit code 0
```