Ans: 1

```
public class addTwoNumber {              //class name

        public static void main(String[] args) {          //Main program is starting
                {
                        int a=10, b=5;
                        System.out.println("Sum="+ (a+b));       // declaring and initializing variable
                }

        }

}
```

Ans: 2

```
                        /*      Even Odd Program     */

public class EvenOdd                              // class name
 {

        public static void main(String[] args) {         //main program start

                int no=10;                                //variable declare and initialize

                 if(no%2==0)                                          //condition
                        System.out.println("Number is Even");
                 else
                         System.out.println("Number is Odd");
                 }

            }
```

Ans:3
/* Palindrome program*/

```
package Intership;

public class palindrome {                       //class name

        public static void main(String[] args) {          //main program start


                        int no=123;                       //variable declaration and initialize
                        int temp=no;
                        int rev=0, rem;
                        while(temp !=0)                 //condition
                        {
                                rem=temp%10;
                                rev=rev*10+rem;
                                temp=temp/10;
                        }
                        if(no==rev)
                                System.out.println(no+"is palindrome number");
                        else
                          System.out.println(no+"is  not palindrome number");

                }
        }
```

Ans:4
/* Sum of n natural number*/

```
package numbers;
import java.util.Scanner;

public class naturalNO
{

        public static void main(String[] args) {
                int n,sum=0;
                Scanner scanner=new Scanner(System.in);
                System.out.println("Enter the number");
                n=scanner.nextInt();
                for(int i=1;i<=n;i++) {
                        sum=sum+i;
                }
                System.out.println("Sum ="+sum);
                }


        }
```

Ans:5

```
/* prime number or not */

package numbers;
import java.util.Scanner;
public class PrimeNo {

	public static void main(String[] args) {
		int n,flag=0;
		Scanner in = new Scanner(System.in);
		System.out.println("Enter the no:");
		n = in.nextInt();
		for (int i = 2; i < n; i++)
		{
			if (n%i == 0)
			{
				flag = 1;
				break;
			}
		}
	  if (flag ==1)
	  {
		  System.out.println(n+  "is not a prime number");

	  }
	  else
	  {
		  System.out.println(n+  "is a prime number");
	  }
	}


}
```