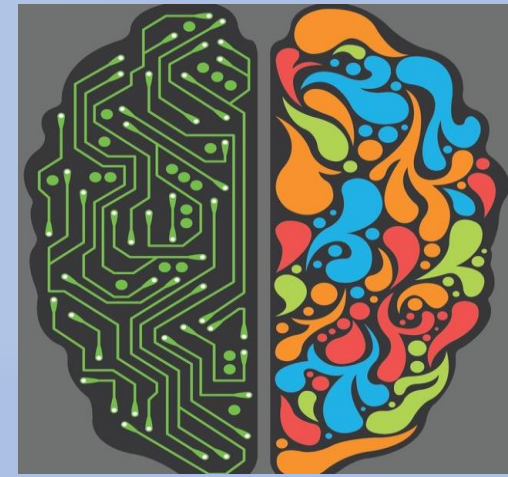




Module 3: Static Programming



Programs To Practice

- WAP to print the sum of two numbers 17 & 68.
- WAP to print the quotient and remainder when 145 is divided by 8.
- WAP to print area of a circle whose radius is 35 cm.
- WAP to print the percentage of a student who scored 400 out of 600.
- WAP to print the area of right-angled triangle whose base is 8 and perpendicular is 7.

Solutions of the program

WAP to print the sum of two numbers 17 & 68.

```
public class sum
{
    void main()
    {
        int a,b,sum;
        a=17;
        b=68;
        sum=a+b;
        System.out.print("The sum is:" +sum);
    }
}
```

WAP to print the quotient and remainder when 145 is divided by 8.

```
public class divide{
    void main()
    {
        int a,b;
        double quotient, remainder;
        a=145;
        b=8;
        quotient = a/b;
        remainder = a%b;
        System.out.println("The quotient is:"+quotient);
        System.out.println("The remainder is:"+remainder);
    }
}
```

Solutions of the program

- WAP to print area of a circle whose radius is 35 cm.

```
public class area
```

```
{  
    void main()  
    {  
        int r = 35;  
        double pi = 3.14, area;  
        area = pi*r*r;  
        System.out.print("The area is:" +area);  
    }  
}
```

WAP to print the percentage of a student who scored 400 out of 600.

```
public class percentage  
{  
    void main()  
    {  
        int scored_marks = 400;  
        int total_marks = 600;  
        double percentage;  
        percentage = (400/600)*100;  
        System.out.println("Percentage is" + percentage + "%");  
    }  
}
```

Solutions of the program

WAP to print the area of right-angled triangle whose base is 8 and perpendicular is 7.

```
class area_triangle{  
    public static void main(String Args[]){  
        int base= 8;  
        int height = 7;  
        double area;  
        area = 0.5*base*height;  
        System.out.println("the area is "+area);  
    }  
}
```