JAVA ASSIGNMENT WEEK – 2

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CLASS – 1: (Wednesday, 24.07.24)

PROGRAM CODE:

```
import java.util.Scanner;
public class Main1{
	public static void main(String[] args){

		boolean isJavafun = true;
		boolean isFishTasty = false;
		System.out.println(isJavafun);
		System.out.println(isFishTasty);

		int x = 10;
		int y = 9;
		System.out.println(x>y);
		System.out.println(x==y);

		if(20>18){
		System.out.println("20 is grater than 18");
		}

		int time = 22;
		if(time<10){
			System.out.println("Good Morning ");
		}
		else if(time<20){
			System.out.println("Good afternoon ");
		}
		else{
			System.out.println("Good Day ");
		}

		int day = 4;
		switch(day)
		{
			case 1:
				System.out.println("Monday");
				break;
			case 2:
				System.out.println("Tuesday");
				break;
			case 3:
				System.out.println("Wednesday");
				break;
			case 4:
```

```
                System.out.println("Thursday");
                break;
        case 5:
                System.out.println("Friday");
                break;
        case 6:
                System.out.println("Saturday");
                break;
        case 7:
                System.out.println("Sunday");
                break;
        default:
                System.out.println("No day");
}

int i =0;
while(i<5){
System.out.println(i);
i++;
}

int j = 0;
do
{
System.out.println(j);
j++;
}
while(j<5);

for(int k =0;k<5;k++){
System.out.println(k);
}

String[] cars = {"Volvo","BMW","Ford","Mazda"};
for(String l:cars)
{
System.out.println(l);
}

for(int m=0;m<10;m++){
if (m==4)
{
continue;
}
System.out.println(m);
}

Scanner myObj = new Scanner(System.in);
String userName;
System.out.println("Enter Username");
```

```
            userName = myObj.nextLine();
            System.out.println("Username is: " + userName);
        }
}
```

OUTPUT:

```
student123@admin:~/Desktop$ java Main1
true
false
true
false
20 is grater than 18
Good Day
Thursday
0
1
2
3
4
0
1
2
3
4
0
1
2
3
4
Volvo
BMW
Ford
Mazda
0
1
2
3
5
6
7
8
9
Enter Username
Palniyappan
Username is: Palniyappan
```

CLASS – 2: (Monday, 22.07.24)

PROGRAM CODE:

```
import java.util.Scanner;

public class Main{
   public static void main(String[] args){
      System.out.println("CALCULATOR");
      System.out.println("1.Addition \n 2. Subtraction \n 3. Mutiplication \n 4. Division \n 5.
Modulus \n 6. Exit");

      Scanner myObj = new Scanner(System.in);
      while(true) {
         System.out.println("Enter your choice : ");
         int choice = myObj.nextInt();

         switch (choice) {

            case 1:
               System.out.println("Enter the value of a : ");
               int a = myObj.nextInt();
               System.out.println("Enter the value of b : ");
               int b = myObj.nextInt();
               System.out.println("The sum is : " + (a + b));
               break;
            case 2:
               System.out.println("Enter the value of a : ");
               int c = myObj.nextInt();
               System.out.println("Enter the value of b : ");
               int d = myObj.nextInt();
               System.out.println("The difference is : " + (c - d));
               break;
            case 3:
               System.out.println("Enter the value of a : ");
               int e = myObj.nextInt();
               System.out.println("Enter the value of b : ");
               int f = myObj.nextInt();
               System.out.println("The product is : " + (e * f));
               break;
            case 4:
               System.out.println("Enter the value of a : ");
               int g = myObj.nextInt();
               System.out.println("Enter the value of b : ");
               int h = myObj.nextInt();
               System.out.println("The quotient is : " + (g / h));
               break;
            case 5:
               System.out.println("Enter the value of a : ");
               int i = myObj.nextInt();
               System.out.println("Enter the value of b : ");
```

```
                int j = myObj.nextInt();
                System.out.println("The modulus is : " + (i % j));
                break;
            case 6:
                System.out.println("Exiting the program");
                return;
            default:
                System.out.println("Invalid choice");
        }
    }
  }
}
```

OUTPUT: