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Section- ML

Lab-Assignment-02

Que-1 Print "Hello World".

Solution-

```
object HelloWorld {  
  def main(args: Array[String]){  
    println("Hello, world!") //prints Hello World  
  }  
}
```

Que-2 Variable declaration in scala.

Solution-

```
object demo {  
  def main(args: Array[String]) {  
    var myVar:Int = 10;  
    val myVal:String = "Hello Scala with datatype decleration.";  
    var myVar1 = 20;  
    val myVal1 = "Hello Scala with datatype decleration.";  
  
    println(myVar);  
    println(myVal);  
    println(myVar1);  
    println(myVal1);  
  }  
}
```

Que-3 Program to show Different types of operators.

Solution -

```
object operator {  
  def main(args: Array[String])
```

```
{  
    var a=10;  
    var b=4;  
    var c=true;  
    var d=false;  
    var result=0;  
  
    println("Addition is: "+(a+b));  
    println("Subtraction is: "+(a-b));  
  
    if(a==b)  
        println("Equal to operator is True");  
    else  
        println("Equal to operator is False");  
  
    println("Logical Or of a | b = "+(c | d));  
  
    result = a&b;  
    println("Bitwise AND: "+result);  
  
    a+=b;  
    println("Addition Assignment Operator: "+a);  
  
}
```