

Primitive Data Types

A primitive data type is predefined type by Java Language
Java knows how to work with them & has build-in support for them

-> int : 3-6-25-22673-0-9-(-9)
-> String : "User Name" , "user@email.com"
-> boolean : true or false
-> double : 27.34 , 345617654.4563, 1.4 , -2.1, 12.0
-> long : 345617654
-> char : 'a' , 'k'

```
public static void main(String[] args) {  
    // TODO Auto-generated method stub  
  
    int userID;  
    userID=15;  
    System.out.println(userID);  
}
```

```
public static void main(String[] args) {
```

```
    int empID=70;  
    int userID;  
    userID=15;  
    userID=50;
```

```
    System.out.println(userID);  
    System.out.println(empID);  
}
```

```
public static void main(String[] args) {  
    int empID=70;  
    int userID;  
    userID=15;  
    userID=50;
```

```
    System.out.println(userID);  
    System.out.println(empID);
```

```
    String userName;  
    userName = "Ramazan";
```

```
    System.out.println(userName);  
    System.out.println("Ramazan");  
    System.out.println("Ramazan"+"Sivri");  
    System.out.println("Ramazan"+" "+ "Sivri");  
    System.out.println(userName + userID);  
    System.out.println(userName + " " + userID);  
    System.out.println("Ramazan"+empID);
```

```
    String e ="it is a Java lesson for Selenium";  
    System.out.println(e);
```

```
    e.toUpperCase();  
    System.out.println(e.toUpperCase());  
}
```

OPERATORS

Increment : `i++` (same as `i=i+1`) Decrement : `i--` (same as `i=i-1`)

Equality and Relational Operators:

`==` equal to

`!=` not equal to

`>` greater than

`>=` greater than or equal to

`<` less than

`<=` less than or equal to

Conditional Operators

`&&` and

`||` or

```
public static void main(String[] args) {  
  
    int a;  
    int b;  
  
    a=10;  
    b=20;  
  
    System.out.println(a+b);  
    System.out.println(a-b);  
    System.out.println(a/b);  
  
    double c=10;  
    double d=20;  
    System.out.println(c/d);  
    System.out.println(a*b);  
    System.out.println(a!=b);  
    System.out.println(a<b);  
    System.out.println(a>b);  
    System.out.println(a==b);  
    System.out.println(a=b);  
    System.out.println(a);  
    a=10;  
    System.out.println(a);  
    a++;  
    System.out.println(a);  
    b--;  
    System.out.println(b);  
    a--;  
    b++;  
    c=3;  
    System.out.println(d%c);  
  
}
```

ARRAY

```
public static void main(String[] args) {  
  
    String[] type = {"notebook", "phone", "tablet"};  
  
    System.out.println(type[0]);  
    System.out.println(type[1]);  
    System.out.println(type[2]);  
    //System.out.println(type[5]);  
  
    double[] price = new double[3];  
    price[0]=259.99;  
    price[1]=359.99;  
    price[2]=459.99;  
  
    System.out.println(price[0]);  
    System.out.println(price[1]);  
    System.out.println(price[2]);  
  
    // String[][] orderProduct = new String[5][3];  
}
```

IF CONDITIONAL

```
public static void main(String[] args) {  
  
    double price = 90.35;  
  
    if(price>200)  
    {  
        System.out.println("Apply %15 Discont");  
    }  
    else if(price>100)  
    {  
        System.out.println("Apply %10 Discont");  
    }  
    else if(price>50)  
    {  
        System.out.println("Apply %5 Discont");  
    }  
    else  
    {  
        System.out.println("Apply NO Discont");  
    }  
}
```

LOOPS

```
import java.util.List;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class Loops {

    public static void main(String[] args) throws InterruptedException {

        System.setProperty("webdriver.chrome.driver", "D:\\drivers\\chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.get("https://www.indeed.com");
        System.out.println(driver.getTitle());

        driver.findElements(By.tagName("a"));

        List links = driver.findElements(By.tagName("a"));
        int linkcount = links.size();
        int i=0;

        System.out.println(driver.findElements(By.tagName("a")).size());

        while (i<linkcount)
        {
            WebElement link = links.get(i);
            System.out.println(link.getText());
            i++;
        }
    }
}
```

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