

```
package com.tnsif.basicsofjava;

public class BasicCode {

    public static void main(String[] args) {

        //Identifiers - age , salary, isPassed & grade

        int age = 21;
        double salary = 50000.00;
        boolean isPassed = true;
        char grade = 'A';

        //Type Casting

        double newAge = age; //implicit type casting or internal
        int newSalary = (int) salary; //explicit type casting or
        external

        //Arithmetic operation

        int bonus = 6000;
        int total = bonus + newSalary;

        System.out.println(age);
        System.out.println(salary);
        System.out.println(newSalary);
        System.out.println(total);

        //if else condition

        if(isPassed && grade == 'A')
        {
```

```
    System.out.println("Excellent Performance");  
} else {  
    System.out.println("Needs Improvement");  
}
```

```
//switch case
```

```
switch(grade)  
{  
case 'A':  
    System.out.println("Grade A");  
    break;  
  
case 'B':  
    System.out.println("Grade B");  
    break;  
  
default:  
    System.out.println("Other Grade");  
    break;  
}  
  
}  
}
```