Switch Statement in java by Munawar

else if clause

Instead of using multiple if statements. We can also use else if along with if thus following an if else if else ladder.

Using such kind of logic reduce indents last else is executed only if all the conditions fail.

```java
import java.util.Scanner;
public class Main {
    public static void main(String[] args) {
        //if else clause
        int age;
        System.out.println("Enter Your age");
        Scanner sc=new Scanner(System.in);
        age=sc.nextInt();
        if(age>55){
            System.out.println("You are old man");
        }
        else if( age<35 && age>18){
            System.out.println("You are young man  ");
        }
        else if (age<3){
            System.out.println("You are baby ");
        }
        else {
            System.out.println("You are a good man ");
        }
    }

}
```

Switch Case control instruction

Switch case is used when we have to make a choice between numbers of alternatives for a given variable.

Switch (variable) {

       Case c1:

// code;

Break;

Case c2:

// code;

Break;

Case c3:

// code;

Break;

Default:

// code

```java
//Switch statement
switch (age){
    case 18:
        System.out.println("Your are going to become adult !");
        break;
    case 60:
        System.out.println("Your are old man");
        break;
    case 30:
        System.out.println("Your age is good");
        break;
    default:
        System.out.println("You are a java programmer");
}
```

Example

```java
char ch='m';
switch (ch){
    case 'n':
        System.out.println("Nadeem");
        break;
    case 'm':
        System.out.println("Munawar");
        break;
    case 'A':
        System.out.println("Ali");
        break;
```

```java
        default:
            System.out.println("Hello programmer");
}
```

Source Code

```java
import java.util.Scanner;
public class Main {
    public static void main(String[] args) {
        //if else clause
        int age;
        System.out.println("Enter Your age");
        Scanner sc=new Scanner(System.in);
        age=sc.nextInt();
//        if(age>55){
//            System.out.println("You are old man");
//        }
//        else if( age<35 && age>18){
//            System.out.println("You are young man  ");
//        }
//        else if (age<3){
//            System.out.println("You are baby ");
//        }
//        else {
//            System.out.println("You are a good man ");
//        }


//        //Switch statement
//        switch (age){
//            case 18:
//                System.out.println("Your are going to become adult !");
//                break;
//            case 60:
//                System.out.println("Your are old man");
//                break;
//            case 30:
//                System.out.println("Your age is good");
//                break;
//            default:
//                System.out.println("You are a java programmer");
//        }

        char ch='m';
        switch (ch){
            case 'n':
                System.out.println("Nadeem");
                break;
            case 'm':
                System.out.println("Munawar");
                break;
            case 'A':
                System.out.println("Ali");
                break;
```

```
        default:
            System.out.println("Hello programmer");
    }
  }

}
```

Thank You