Switch Statement

if (condition)

Syntex :-

```
int num = 3;

switch ( num ) {
    case 1 :
        Syso (" Jan ");
        break;
    case 2 :
        Syso (" Feb ");
        break;
    case 3 :
        Syso (" March ");
        break;
    case 12 :
        Syso (" Dec ");
        break;
    default :
        Syso (" Invalid num ");
        break;
}
```

value of variable input

output

March

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int num = scn.nextInt();
    switch(num) {
        case 1:
            System.out.println("Jan");
            break;
        case 2:
            System.out.println("Feb");
            break;
        case 3:
            System.out.println("March");
            break;
        case 4:
            System.out.println("April");
            break;
        case 5:
            System.out.println("May");
            break;
        case 6:
            System.out.println("June");
            break;
        case 7:
            System.out.println("July");
            break;
        case 8:
            System.out.println("Aug");
            break;
        case 9:
            System.out.println("Sep");
            break;
        case 10:
            System.out.println("Oct");
            break;
        case 11:
            System.out.println("Nov");
            break;
        case 12:
            System.out.println("Dec");
            break;
        default:
            System.out.println("Invalid Month");
    }
}
```

```
char ch = ____
switch (ch) {
    case 'a' :
    case 'e' :
    case 'i' :
    case 'o' :
    case 'u' :
    default :
}
```

"String"

```java
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int N = scn.nextInt();
    int a = scn.nextInt();
    int b = scn.nextInt();

    switch(N) {
        case 10:
            System.out.println(a + b);
            break;
        case 20:
            System.out.println(a - b);
            break;
        case 30:
            System.out.println(a * b);
            break;
        case 40:
            System.out.println(a % b);
            break;
        case 50:
            System.out.println(a / b);
            break;
        default:
            System.out.println("Enter a valid number");
    }
}
```