COMPUTER ENGINEERING TECHNOLOGY DEPARTMENT

C++ Programming Laboratory Exercise

Programmer	:		**Instructor**	:
Section	:	**Date:**	**Score**	:
Title	: **Logical Operators and Switch Statement**		**Lab No.**	: **WK10**

General Instruction: Determine the output of the given code snippet.

```
int num = 10;
if(num >= 10 && num <= 20){
        cout<<num;
}else{
        cout<< "out of range.";
}
```
output:

```
int num = 10;
if(num > 10 && num < 20){
        cout<<num;
}else{
        cout<< "out of range.";
}
```
output:

```
int grade = 11;
if(grade < 0 || grade > 10){
        cout<< "invalid grade.";
}else{
        cout<<grade;
}
```
output:

```
int grade = 0;
if(grade < 0 || grade > 10){
        cout<< "invalid grade.";
}else{
        cout<<grade;
}
```
output:

```
int num = -5;
if(!(num > 0)){
      cout<<"positive";
}else{
      cout<<"negative";
}
```
output:

```
int num = 7;
if(!(num%2 == 0)){
      cout<<"even";
}else{
      cout<<"odd";
}
```
output:

```
int day = 2;
switch (day){
      case 1:
            cout<<"Monday";
            break;
      case 2:
            cout<<"Tuesday";
            break;
      case 3:
            cout<<"Wednesday";
            break;
      default:
            cout<<"invalid day";
}
```
output:

```
int day = 4;
switch (day){
    case 1:
        cout<<"Monday";
        break;
    case 2:
        cout<<"Tuesday";
        break;
    case 3:
        cout<<"Wednesday";
        break;
    default:
        cout<<"invalid day";
}
```

output:

```
int day = 1;
switch (day){
    case 1:
        cout<<"Monday";
        // break;
    case 2:
        cout<<"Tuesday";
        break;
    case 3:
        cout<<"Wednesday";
        break;
    default:
        cout<<"invalid day";
}
```

output: