

```

public String getGrade(double score)
{
    String g = "";
    0 ≤ score < 60      "F"
    60 ≤ score < 70    "D"
    70 ≤ score < 80    "C"
    80 ≤ score < 90    "B"
    90 ≤ score         "A"
    return g;
}

```

if ( . . . . )  
 ↑ boolean expr.

what if :

$90 \leq \text{score} \leq 100$   
 boolean  $\leq$  #

$90 \leq \text{score} \ \&\& \ \text{score} \leq 100$

```

if (score >= 90)
    g = "A";
else if (score >= 80)
    g = "B";
else if (score >= 70)
    g = "C";
else if (score >= 60)
    g = "D";
else
    g = "F";

```

```

public int getNum
    (boolean b1, boolean b2)
{
    int num = 0;

```

"nested" if

		b1	
		true	false
b2	true	13	-5
	false	-2	57

~~b1 == true  
b2 == false~~

```

    return num;

```

```

}

```

```

if (b1)
    if (b2)
        num = 13;
    else
        num = -2;
else
    if (b2)
        num = -5;
    else
        num = 57;

```

```

if (b1)
{
    if (b2)
    {
        num = ;
    }
    else
    {
        num = ;
    }
}
else
{
    if (b2)
    {
        num = ;
    }
    else
    {
        num = ;
    }
}
}

```