



SELECTIONS

if

Scenario 1

```
let flag = true;
console.log("Before if");
if(flag)
{
  console.log("Inside if");
}
console.log("After if");
```

Output

```
Before if
Inside if
After if
```



Scenario 2



```
let flag = false;
console.log("Before if");
if(flag)
{
  console.log("Inside if");
}
console.log("After if");
```

Output

```
Before if
After if
```

if-else



Scenario 1



```
let flag = false;
console.log("Before if-else");
if(flag)
{
   console.log("Inside if");
}
else
{
   console.log("Inside else");
}
console.log("After if-else");
```

Output

```
Before if-else
Inside else
After if-else
```

Scenario 2

```
let flag = true;

console.log("Before if-else");

if(flag)
{
   console.log("Inside if");
}
else
{
   console.log("Inside else");
}

console.log("After if-els@");
```



Output



```
Before if-else
Inside if
After if-else
```

switch-case

Scenario 1

```
let i = 10;
switch(i)
{
  case 10 : console.log("In case 10");break;
  case 20 : console.log("In case 20");break;
  default : console.log("default");break;
}
```

Output

```
In case 10
```

Scenario 2

```
let i = 20;
switch(i)
{
  case 10 : console.log("In case 10");break;
  case 20 : console.log("In case 20");break;
  default : console.log("default");break;
}
```

Output







Scenario 3

```
let i = 30;
switch(i)
{
  case 10 : console.log("In case 10");break;
  case 20 : console.log("In case 20");break;
  default : console.log("default");break;
}
```

Output

default

GRADER

Variant1



```
sole.log("Welcome to Grader");
```

```
Q
```

```
let marks = 60;

if(marks >= 80)
{
   console.log("You passed with Distinction");
}

if(marks >= 60 && marks < 80)
{
   console.log("You passed with First Class");
}

if(marks >= 35 && marks < 60)
{
   console.log("You Passed");
}

if(marks < 35)
{
   console.log("You Failed");
}</pre>
```

Variant2



else

{

else

{

else

{

}

}

{

let marks = 80;

if(marks >= 80)

```
sole.log("Welcome to Grader");
```

if(marks >= 60 && marks < 80)

if(marks >= 35 && marks < 60)

console.log("You Passed");

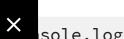
console.log("You Failed");

console.log("You passed with Distinction");

console.log("You passed with First Class");

```
Q
```

```
Variant 3
```



```
sole.log("Welcome to Grader");
```

```
Q
```

```
let marks = 38;

if(marks >= 80)
{
   console.log("You passed with Distinction");
}
else if(marks >= 60 && marks < 80)
{
   console.log("You passed with First Class");
}
else if(marks >= 35 && marks < 60)
{
   console.log("You Passed");
}
else
{
   console.log("You Failed");
}</pre>
```

Variant 4



```
X sole.log("Welcome to Grader");
```

```
let marks = 138;
if( marks <= 100 && marks >= 0)
  if(marks >= 80)
  {
    console.log("You passed with Distinction");
  else if(marks >= 60 && marks < 80)
  {
    console.log("You passed with First Class");
  else if(marks >= 35 && marks < 60)
    console.log("You Passed");
  else
  {
    console.log("You Failed");
  }
}
else
  console.log("Wrong Value");
```

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