

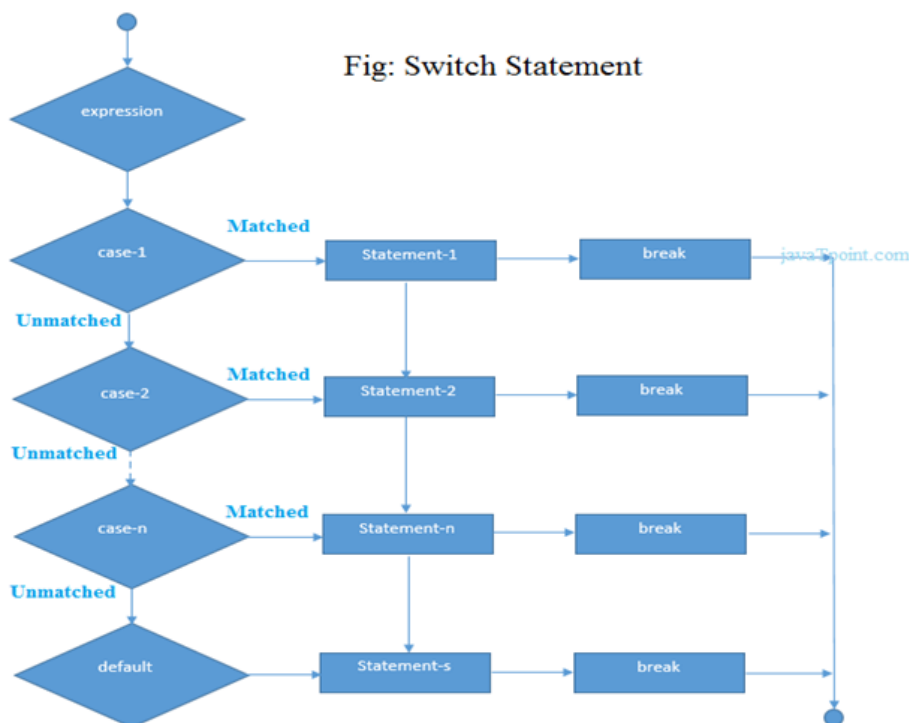
C++ switch

The C++ switch statement executes one statement from multiple conditions. It is like if-else-if ladder statement in C++.

```
switch(expression){  
  case value1:  
    //code to be executed;  
    break;  
  case value2:  
    //code to be executed;  
    break;  
  .....  
  default:  
    //code to be executed if all cases are not matched;  
    break;  
}
```



Fig: Switch Statement



C++ Switch Example

```
#include <iostream>  
  
using namespace std;  
  
int main () {
```

```
int num;
cout<<"Enter a number to check grade:";
cin>>num;
    switch (num)
    {
        case 10: cout<<"It is 10"; break;
        case 20: cout<<"It is 20"; break;
        case 30: cout<<"It is 30"; break;
        default: cout<<"Not 10, 20 or 30"; break;
    }
}
```

Output:

```
Enter a number:
10
It is 10
```

Output:

```
Enter a number:
55
Not 10, 20 or 30
```



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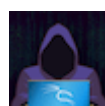
Compiler D.











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