```c
// Program that demonstrates the use of switch statement.
#include <stdio.h>
int main()
{
    int choice;
    printf("Which of these websites you visit the most? ");
    printf("\n Select 1 for Facebook, 2 for Yahoo! and 3 for Google.");
    printf("\n1=>Facebook \n2=> Yahoo! \n3=> Google");
    printf("\nEnter your Choice: ");
    scanf("%d", &choice);
    switch (choice)
    {
    case 1:
        printf("You use Facebook.");
        break;

    case 2:
        printf("You use Yahoo!");
        break;

    case 3:
        printf("You use Google");
        break;

    default:
        printf("You have entered an invalid option.");
    }
    return 0;
}
```

PROBLEMS   OUTPUT   TERMINAL   PORTS   CODEWHISPERER REFERENCE LOG   COMMENTS   DEBUG CONSOLE

```
> ./question2
> ./question1
Which of these websites you visit the most?
 Select 1 for Facebook, 2 for Yahoo! and 3 for Google.
1=>Facebook
2=> Yahoo!
3=> Google
Enter your Choice: 1
You use Facebook.%
> ./question1
Which of these websites you visit the most?
 Select 1 for Facebook, 2 for Yahoo! and 3 for Google.
1=>Facebook
2=> Yahoo!
3=> Google
Enter your Choice: 5
You have entered an invalid option.%

 ~/Documents/BCA/2nd Sem/C/College_Assignment/assignment11 []
```

```c
// Program that performs the arithmetic operation using switch statement.
#include <stdio.h>
int main()
{
    int a, b;
    char op;
    printf("Enter the value of a and b: ");
    scanf("%d %d", &a, &b);
    printf("Enter the operator: ");
    scanf(" %c", &op);
    switch (op)
    {
    case '+':
        printf("\nThe sum of %d and %d is %d", a, b, a + b);
        break;

    case '-':
        printf("\nThe difference of %d and %d is %d", a, b, a - b);
        break;

    case '*':
        printf("\nThe product of %d and %d is %d", a, b, a * b);
        break;

    case '/':
        printf("\nThe quotient of %d and %d is %d", a, b, a / b);
        break;

    default:
        printf("\nInvalid operator");
    }
}
```

PROBLEMS   OUTPUT   TERMINAL   PORTS   CODEWHISPERER REFERENCE LOG   COMMENTS   DEBUG CONSOLE

```
> ./question2
Enter the value of a and b: 3 6
Enter the operator: +

The sum of 3 and 6 is 9%
> ./question2
Enter the value of a and b: 20 5
Enter the operator: /

The quotient of 20 and 5 is 4%

 ~/Documents/BCA/2nd Sem/C/College_Assignment/assignment11  []
```