

Question1:-

```
1
2
3 #include <iostream>
4
5 using namespace std;
6
7 int main()
8 {
9     int number1=14;
10    cout<<"first number is:"<<number1<<endl;
11
12    int number2=23;
13    cout<<"second number is:"<<number2<<endl;
14
15
16    int sum;
17    int division;
18    int multi;
19    int subtraction;
20
21
22    sum=number1+number2;
23    cout<<"the sum of two numbers is:"<<sum<<endl;
24
25    subtraction=number1-number2;
26    cout<<"the subtraction of two numbers is:"<<subtraction<<endl;
27
28    multi=number1*number2;
29    cout<<"the multi of two numbers is:"<<multi<<endl;
30
31    division=number1/number2;
32    cout<<"the division of two numbers is:"<<division<<endl;
33
34
35
36
37
38
39    return 0;
40 }
```

OUTPUT:-

```
first number is:14
second number is:23
the sum of two numbers is:37
the subtraction of two numbers is:-9
the multi of two numbers is:322
the division of two numbers is:0

...Program finished with exit code 0
Press ENTER to exit console. □
```

QUESTION:-

```
1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      char op;
8      float number1,number2;
9
10
11     cout<<"enter operator(*,+,./) for your operation \n";
12     cin>>op;
13
14     cout<<"put two number of your choice \n";
15     cin>>number1>>number2;
16
17     switch (op) {
18         case '+':
19             cout<<"the sum of given numbers is:"<<number1+number2<<endl;
20             break;
21
22         case '-':
23             cout<<"the subtraction of two number is:"<<number1-number2<<endl;
24             break;
25
26         case '*':
27             cout<<"product of two number is : "<<number1*number2<<endl;
28             break;
29
30         case '/':
31             cout<<"the quotient of two numbers is: "<<number1/number2<<endl;
32             break;
33         default:
34             printf("unsupported operation amigoo");
35
36
37
38
39     }
40
41
42
43     return 0;
44
45
46 }
```

### OUTPUTQUESTION2:

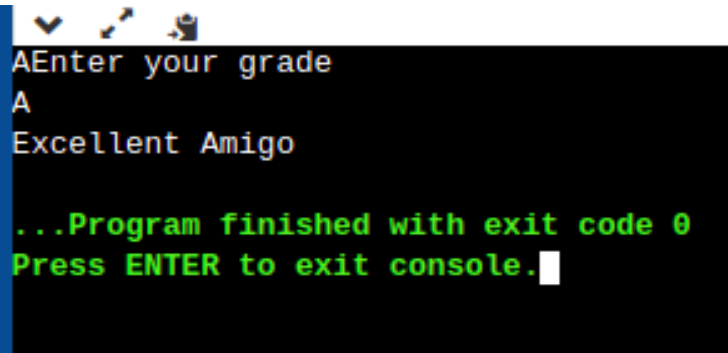
```
enter operator(*,+,./,-/) for your operation
*
put two number of your choice
12
2
product of two number is :24

...Program finished with exit code 0
Press ENTER to exit console.□
```

### QUESTION3:

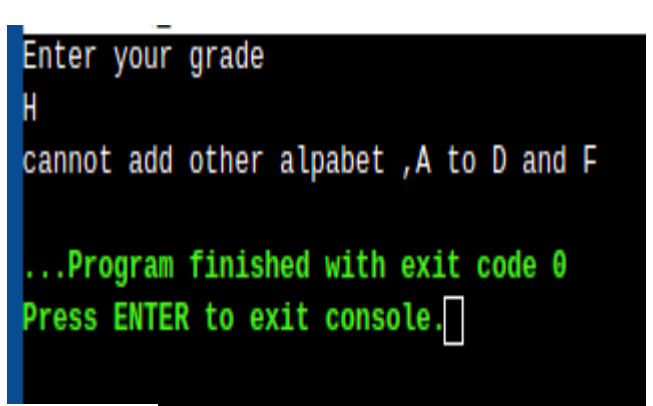
```
1
2 #include <iostream>
3
4 using namespace std;
5
6 int main()
7 {
8
9     char grade;
10    cout<<"Enter your grade"<<endl;
11    cin>>grade;
12
13    switch(grade){
14        case 'A':
15            cout<<"Excellent Amigo";
16            break;
17
18        case 'B':
19            cout<<"Very Good Amigo";
20            break;
21        case 'C':
22            cout<<"Good Amigo";
23            break;
24
25        case 'D':
26            cout<<"Poor Amigo";
27            break;
28        case 'F':
29            cout<<"you failed Amigo";
30            break;
31
32        default:
33            printf("cannot add other alpabet ,A to D and F");
34            break;
35
36
37
38
39
40
41    }
42
43
44
45
46    return 0;
47 }
```

## OUTPUT3A;-



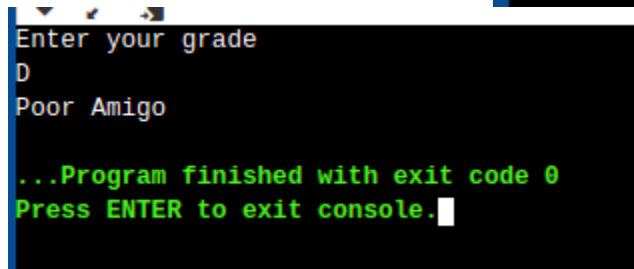
```
Enter your grade
A
Excellent Amigo

...Program finished with exit code 0
Press ENTER to exit console.
```



```
Enter your grade
H
cannot add other alpabet ,A to D and F

...Program finished with exit code 0
Press ENTER to exit console.
```



```
Enter your grade
D
Poor Amigo

...Program finished with exit code 0
Press ENTER to exit console.
```

## QUESTION4:-

```
1
2 #include <iostream>
3
4 using namespace std;
5
6 int main()
7 {
8
9     char grade;
10    cout<<"Enter your grade"<<endl;
11    cin>>grade;
12
13    switch(grade){
14        case 'A':
15        case 'a':
16            cout<<"Excellent Amigo";
17            break;
18
19        case 'B':
20        case 'b':
21            cout<<"Very Good Amigo";
22            break;
23
24        case 'C':
25        case 'c':
26            cout<<"Good Amigo";
27            break;
28
29        case 'D':
30        case 'd':
31            cout<<"Poor Amigo";
32            break;
33
34        case 'F':
35        case 'f':
36            cout<<"you failed Amigo";
37            break;
38
39        default:
40            printf("cannot add other alpabet ,A to D and F");
41            break;
42    }
43
44
45
46    return 0;
47 }
48
```

OUTPUT4a:

```
Enter your grade
f
you failed Amigo

...Program finished with exit code 0
Press ENTER to exit console. 
```

```
Enter your grade
c
Good Amigo

...Program finished with exit code 0
Press ENTER to exit console. 
```

question5:

```
1
2 #include <iostream>
3
4 using namespace std;
5
6 int main()
7 {
8
9     int salary;
10    cout<<"Enter your salary"<<endl;
11    cin>>salary;
12
13
14    if (salary<10000){
15        cout<<"salary after deduction is:"<<salary<<endl;
16    }
17
18
19    else if(salary>=10000 && salary<20000){
20
21        cout<<"salary after deduction:"<<salary-=1000;
22    }
23
24
25    else(salary>20000){
26        cout<<"salary after deduction is"<<salary-(7/100)*20000<<endl;
27    }
28
29
30
31
32
33
34
35
36
37 }
38
39
40
41
42
```