```cpp
Ans 1. #include<iostream>
using namespace std;
int main()
{
        char alphabet;
        cout<<"Enter ur alphabet";
        cin>>alphabet;

        switch(alphabet)
        {
                case 'A':
                        cout<<"Vowel";
                        break;

                case 'E':
                        cout<<"Vowel";
                        break;

                case 'I':
                        cout<<"Vowel";
                        break;

                case 'U':
                        cout<<"Vowel";
                        break;

                case 'O':
                        cout<<"Vowel";
                        break;

                case 'a':
                        cout<<"Vowel";
                        break;

                case 'e':
                        cout<<"Vowel";
                        break;

                case 'i':
                        cout<<"Vowel";
                        break;

                case 'o':
                        cout<<"Vowel";
```

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                break;

        case 'u':
                cout<<"Vowel";
                break;

        default:
                cout<<"consonant";
    }
}
```

Ans 2.
```cpp
#include<iostream>
using namespace std;
int main()
{
        int i;
        cout<<"Enter ur number";
        cin>>i;

        switch(i)
        {
                case 1:
                        cout<<"Monday";
                        break;

                case 2:
                        cout<<"Tuesday";
                        break;

                case 3:
                        cout<<"Wednesday";
                        break;

                case 4:
                        cout<<"Thursday";
                        break;

                case 5:
                        cout<<"Friday";
                        break;

                case 6:
                        cout<<"Saturday";
                        break;
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                case 7:
                        cout<<"Sunday";
                        break;

                default:
                        cout<<"there is no day";
        }
}
```

Ans 3. # include <iostream>
using namespace std;

```cpp
int main()
{
    char op;
    float num1, num2;

    cout << "Enter operator";
    cin >> op;

    cout << "Enter two operands: ";
    cin >> num1 >> num2;

    switch(op)
    {
        case '+':
            cout << num1+num2;
            break;

        case '-':
            cout << num1-num2;
            break;

        case '*':
            cout << num1*num2;
            break;

        case '/':
            cout << num1/num2;
            break;

        default:
            cout << "Error! operator is not correct";
```

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        break;
    }

    return 0;
}

Ans 4. #include<iostream>
using namespace std;
int main()
{
        int i,j,k;
                cout<<"Enter ur first no.";
                cin>>i;

        cout<<"Enter ur second no.";
        cin>>j;

        k = i;
        i = j;
        j = k;


        cout<<"So the swapping first no. is : "<<i<<"\nSecond no. is: "<<j;
        return 0 ;
}

Ans 5. #include<iostream>
using namespace std;
int main()
{
        int i = 2;
        int j = 3;
                cout<<"Enter ur first no.";
                cin>>i;

        cout<<"Enter ur second no.";
        cin>>j;


        i = i + 1;
        j = j - 1;


        cout<<"So the swapping first no. is : "<<i<<"\nSecond no. is: "<<j;
```

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        return 0 ;
}


Ans 6 . #include<iostream>
using namespace std;
int main ()
{
    int num, temp, rev = 0,r;
    cout << "Enter a number : ";
    cin >> num;
    temp = num;
    while (temp != 0)
    {
        r = temp % 10;
        rev = rev * 10 + r;
        temp /= 10;
    }
    cout << "\nThe reverse of " << num << " is : " << rev;
    return 0;
}


Ans 7. #include<iostream>
using namespace std;
int main ()
{
    int num, temp, rev = 0,r;
    cout << "Enter a number : ";
    cin >> num;
    temp = num;
    while (temp != 0)
    {
        r = temp % 10;
        rev = rev * 10 + r;
        temp /= 10;
    }
    cout << "\nThe reverse of " << num << " is : " << rev;
    return 0;
}
```