//1..WAP which takes the values of lenght and breadth from user and check if it is a square or not..

```cpp
#include<iostream>

using namespace std;

int main()

{

    int len,breadth;

    cout<<"Enter the value of lenght and breadht:";

    cin>>len>>breadth;


    if(len==breadth)

    {

        cout<<"it is sqaure"<<endl;

    }

    else{

        cout<<"it is not a square"<<endl;

    }

    return 0;

}
```

//2..WAP tp print absolute value of a number entered by the user..

```cpp
#include<iostream>

using namespace std;
```

```cpp
int main()

{

    int n;

    cout<<"Enter the value of n:";

    cin>>n;

    if(n<0)

    {

        n=n*(-1);

    }

    cout<<"Absolute value is:"<<n<<endl;

    return 0;

}
```

//3..WAP to take input from user for cost price and selling price and calculate profit or loss..

```cpp
#include<iostream>

using namespace std;

int main()

{

    int sp,cp;

    cout<<"Enter the value of sp:";

    cin>>sp;

    cout<<"Enter the value of cp:";

    cin>>cp;
```

```cpp
    if(sp>cp)

    {

        cout<<"profit";

    }

    else

    {

        cout<<"loss";

    }

    return 0;

}
```

//4..WAP to print positive number enterd by the user, if user enterd a negative number it is skipped..

```cpp
#include<iostream>

using namespace std;

int main()

{

    int n;

    cout<<"Enter the number:";

    cin>>n;

    if(n>0)

    {

        cout<<"Number is positive ";

    }

    else{
```

```cpp
        cout<<"Number is negative and skipped";

    }

    return 0;

}



//5..Create a calculation using switch statement to perform addition , susbstraction , multiplication and division..



#include<iostream>

using namespace std;

int main()

{

    char op;

    float num1 , num2;



    cout<<"Enter the operation:"<<endl;

    cin>>op;



    cout<<"Enter the value of num1 and num2:"<<endl;

    cin>>num1>>num2;



    switch(op)

    {

        case'+':

        cout<<num1<<"+"<<num2<<"="<<num1+num2;

        break;
```

```cpp
        case'-':

        cout<<num1<<"-"<<num2<<"="<<num1-num2;

        break;


        case'*':

        cout<<num1<<"*"<<num2<<"="<<num1*num2;

        break;


        case'/':

        cout<<num1<<"/"<<num2<<"="<<num1/num2;

        break;


        default:

        cout<<"The operator is not correct";

        break;


        return 0;


    }
}
```