

1. Write a C++ program to print Hello iNeuron on the screen.

```
#include<iostream>

using namespace std;

int main()
{
    cout<<"Hello iNeuron";

    return 0;
}
```

2. Write a C++ program to print Hello on the first line and iNeuron on the second line using endl.

```
#include<iostream>

using namespace std;

int main()
{
    cout<<"Hello"<<endl<<"iNeuron";

    return 0;
}
```

3. Write a C++ program to calculate the sum of two numbers.

```
#include<iostream>

using namespace std;

int main()
{
    int x,y;

    cout<<"Enter two numbers"<<endl;

    cin>>x>>y;

    cout<<"Addition of "<<x<<" and "<<y<<" is = "<<x+y<<endl;

    return 0;
}
```

4. Write a C++ program to calculate the area of a circle

```
#include<iostream>
```

```

using namespace std;

int main()
{
    float r,area;

    cout<<"Enter the radius of circle"<<endl;

    cin>>r;

    area=3.14*r*r;

    cout<<"Area of circle = "<<area<<endl;

    return 0;
}

```

5. Write a C++ program to calculate the volume of a cuboid.

```

#include<iostream>

using namespace std;

int main()
{
    int l,w,h,volume;

    cout<<"Enter the length width and hight of cuboide"<<endl;

    cin>>l>>w>>h;

    volume=l*w*h;

    cout<<"Volume of cuboide is = "<<volume<<endl;

    return 0;
}

```

6. Write a C++ program to calculate an average of 3 numbers

```

#include<iostream>

using namespace std;

int main()
{
    int x,y,z,avg;

    cout<<"Enter three numbers "<<endl;

```

```

cin>>x>>y>>z;

avg = (x+y+z)/3;

cout<<"Avarage of three numbers is = "<<avg<<endl;

return 0;

}

```

7. Write a C++ program to calculate the square of a number.

```

#include<iostream>

using namespace std;

int main()
{
    int x,square;

    cout<<"Enter a number "<<endl;

    cin>>x;

    square = x*x;

    cout<<"Square of "<<x<<" is = "<<square;

    return 0;

}

```

8. Write a C++ program to swap values of two int variables without using third variable.

```

#include<iostream>

using namespace std;

int main()
{
    int x,y;

    cout<<"Enter two number "<<endl;

    cin>>x>>y;

    x = x+y;

    y = x-y;

    x =x-y;

    cout<<"After Swapping value of x = "<<x<<" and y = "<<y<<endl;

```

```
    return 0;
}
```

9. Write a C++ program to find the maximum of two numbers.

```
#include<iostream>
using namespace std;
int main()
{
    int x,y,max;
    cout<<"Enter two numbers"<<endl;
    cin>>x>>y;
    max = x > y ? x:y;
    cout<<"Maximum of two numbers is "<<max<<endl;
    return 0;
}
```

10. Write a C++ program to add all the numbers of an array of size 10.

```
#include<iostream>
using namespace std;
int main()
{
    int a[10],i,sum=0;
    cout<<"Enter ten numbers "<<endl;
    for(i=0;i<10;i++)
    {
        cin>>a[i];
    }
    for(i=0;i<10;i++)
    {
        sum = sum + a[i];
    }
}
```

```
cout<<"sum of ten numbers is "<<sum<<endl;  
return 0;  
}
```