

DS OOPS BME 2022
Sample Programs to practice before Lab

1. Simple program

```
#include <iostream>

using namespace std;

void main()
{
    cout << "hai";

}
```

2. Using Function

```
#include <iostream>
using namespace std;

void myFunction( int age)
{
    cout << age << " years old. \n";
}

int main()
{
    myFunction(3);
    myFunction(14);
    myFunction(30);
    return 0;
}
```

3. Using class and object & Function overloading

```
#include <iostream>
using namespace std;

class BME
{
    void print(int i)
    {
        cout << " Here is int " << i;
    }
}
```

```

        void print(double f)
        {
            cout << " Here is float " << f ;
        }
        void print(char *c)
        {
            cout << " Here is char* " << c;
        }
};

int main()
{
    BME b;
    b.print(10);
    b.print(10.10);
    b.print("ten");
    return 0;
}

```

4. Student Details

```

#include <iostream>
using namespace std;

class Student
{
    Public:
        int Rollno;
        String Name;
};

int main()
{
    Student A;
    Student B;
    A.Rollno=1;
    A.Name="Raj";
    B.Rollno=2;
    B.Name="Manoj";
    cout<< A.Rollno<< A.Name;
    cout<< B.Rollno<< B.Name;

    return 0;
}

```