Introduction to info
&
communication Technology

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Write a program to display the area of circle by using formula i.e 2.Pi.r where r is 3. use DEFINE Directive for value of PI.

```cpp
#include <iostream>
#define PI 3.141593
using namespace std;
int main()
{
    int r;
    cout<<"----------Find Radius of a circle----------\n";
    cout<<"Enter radius of circle = ";
    cin>>r;
    cout<<"\nRadius of circle is = "<<2*PI*r;
}
```

Output:

```
----------Find Radius of a circle----------
Enter radius of circle = 3

Radius of circle is = 18.8496
F:\C++ training>
```

Programs of Compound Assignment Statements

Program:

```cpp
#include <iostream>
using namespace std;
int main()
{
    int a=5;
    cout<<"\nValue of a = "<<a;
    a+=10;
    cout<<"\nValue of a = "<<a;
    a-=10;
    cout<<"\nValue of a = "<<a;
    a*=10;
    cout<<"\nValue of a = "<<a;
}
```

Output:

```
Value of a = 5
Value of a = 15
Value of a = 5
Value of a = 50
F:\C++ training>
```

Operator precedence

Program:

```cpp
#include <iostream>
using namespace std;
int main()
{
    cout<<20*(30/(7-5))+40;
}
```

Output:

```
F:\C++ training>cd "f
340
F:\C++ training>
```