

## **Assignment no 3**

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**COURSE:** BSCS

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# TASK 1

```
task 1 pf lab.cpp  task 1 pf lab (6).cpp
C: > Users > TECHNIFI > Downloads > task 1 pf lab (6).cpp
1  #include<iostream>
2  using namespace std;
3  int main(){
4  int num=10;
5  float decimal=5.7;
6  char letter='A';
7  bool istrue=true;
8  cout<<num<<endl;
9  cout<<decimal<<endl;
10 cout<<letter<<endl;
11 cout<<istrue<<endl;
12
13
14
15
16
17
18 }
```

## TASK 2


C:\Users\> Users > TECHNIFI > Documents > pf\_lab > assignment\_2 > task 2 pf lab.cpp

```
1  #include<iostream>
2  using namespace std;
3  int main(){
4  int num;
5  cout<<"Enter a integar"<<endl;
6  cin>>num;
7  float decimal;
8  cout<<"Enter a float"<<endl;
9  cin>>decimal;
10 char letter;
11 cout<<"Enter a character"<<endl;
12 cin>>letter;
13 cout<<"you entered integar:"<<num<<endl;
14 cout<<"you entered float:"<<decimal<<endl;
15 cout<<"you entered character:"<<letter<<endl;
16
17
18 }
```

## TASK 3


```
> Users > TECHNIFI > Documents > pf_lab > assignment_2 > task 3 pf lab.cpp  
1  #include<iostream>  
2  using namespace std;  
3  int main(){  
4  int num=10;  
5  num=num+5;  
6  num=num-2;  
7  num=num*3;  
8  num=num/4;  
9  num=num%2;  
10 cout<<num<<endl;  
11  
12  
13  
14 return 0;  
15 }
```

## TASK 4

> Users > TECHNIFI > Documents > pf\_lab > assignment\_2 >  task 4 pf lab.cpp


```
1  #include<iostream>
2  using namespace std;
3  int main(){
4  bool isHot=true;
5  bool isSunny=false;
6  cout<<"isHot AND isSunny:"<<(isHot && isSunny)<<endl;
7  cout<<"isHot OR isSunny:"<<(isHot || isSunny)<<endl;
8  cout<<"NOT isHot:"<<(!isHot)<<endl;
9
10
11 }
```

## TASK 5

› Users › TECHNIFI › Documents › pf\_lab › assignment\_2 ›  task 5 pf lab.cpp

```
1  #include<iostream>
2  using namespace std;
3  int main(){
4  int num1,num2;
5  cout<<"Enter two integers:"<<endl;
6  cin>>num1>>num2;
7  cout<<"num1=num2:"<<(num1==num2)<<endl;
8  cout<<"num1!=num2:"<<(num1!=num2)<<endl;
9  cout<<"num1>num2:"<<(num1>num2)<<endl;
10 cout<<"num1<num2:"<<(num1<num2)<<endl;
11 cout<<"num1>=num2:"<<(num1>=num2)<<endl;
12 cout<<"num1<=num2:"<<(num1<=num2)<<endl;
13
14 return 0;
15 }
```

## TASK 6

```
> Users > TECHNIFI > Documents > pf_lab > assignment_2 >  task 6 pf lab.cpp
1  #include<iostream>
2  using namespace std;
3  int main(){
4  int num;
5  cout<<"Enter a number"<<endl;
6  cin>>num;
7  string result=(num%2==0)? "Even":"Odd";
8  cout<<result;
9
10
11 }
```

## TASK 7

Users > TECHNIFI > Documents > pf\_lab > assignment\_2 > task 7 pf lab.cpp

```
#include<iostream>
using namespace std;
int main(){
int lenth=10;
int width=5;
int area=lenth*width;
cout<<"the area of garden is:"<<area<<endl;

return 0;

}
```