

Assignment 1 :

```
#include<stdio.h>

void main()

{

float fahrenheit, celsius;

celsius = 24;

fahrenheit =( (celsius*9)/5)+32;

printf("\n\n Temperature in fahrenheit is:  %f",fahrenheit);

}
```

Assignment 2 :

```
#include<stdio.h>

void main()

{

int l=10,b=20;

if(l,b>0){

printf("Area of rectangle is : %d\n",l*b);

printf("Peremeter of rectangle is : %d",(l+b)*2);

}

else{

printf("Wrong input");

}

}
```

Assignment 3 :

```
#include<stdio.h>
```

```
void main(){
```

```
    int num  = 123;
```

```
    if(num >99 && num<1000){
```

```
        int sum =0,rev=0;
```

```
        int var = num%10;
```

```
        sum = sum+var;
```

```
        rev=(rev*10)+var;
```

```
        num = num/10;
```

```
        var = num%10;
```

```
        sum = sum+var;
```

```
        rev= (rev*10)+var;
```

```
        num = num/10;
```

```
        var = num%10;
```

```
        sum = sum +var;
```

```
        rev = (rev*10)+var;
```

```
        printf("The sum of numbers is : %d\n",sum);
```

```
        printf("The reverse of the number is : %d",rev);
```

```
    }
```

```
    else{
```

```
        printf("Wrong Input");  
    }  
}
```

Assignment 4 :

```
#include<stdio.h>  
  
void main(){  
    int num = 100;  
    if(num%2==0){  
        printf("%d is an even number\n",num);  
    }  
    else{  
        printf("%d is an odd number",num);  
    }  
}
```

Assignment 5 :

```
#include<stdio.h>  
  
void main(){  
    float basicSal=10000;  
    float sal;
```

```
int da,ta,hra;
```

```
if(basicSal>=5000){
```

```
    da = basicSal*0.1;
```

```
    ta = basicSal*0.2;
```

```
    hra = basicSal*0.25;
```

```
    sal = da+ta+hra;
```

```
    printf("Salary = %f",sal);
```

```
}
```

```
else{
```

```
    da = basicSal*0.1;
```

```
    ta = basicSal*0.2;
```

```
    hra = basicSal*0.25;
```

```
    sal = da+ta+hra;
```

```
    printf("%f",sal);
```

```
}
```

```
}
```

Assignment 6 :

```
#include<stdio.h>
```

```
void main(){
```

```
int ageOfMale = 24;
```

```
int ageOfFemale = 20;
```

```
if(ageOfMale>=21 && ageOfFemale>=18){
```

```
    printf("Both are eligible for marry\n");
```

```
}
```

```
else if(ageOfMale<21 || ageOfFemale>=18){
```

```
    printf("Female is eligible for marry");
```

```
}
```

```
else if(ageOfMale>=21 || ageOfFemale<18){
```

```
    printf("Male is eligible for marry");
```

```
}
```

```
else{
```

```
    printf("Both are not eligible for marry");
```

```
}
```

```
}
```