

C lab 6 2023.06.05

```
#include <stdio.h>
int main()
{
    float r,d,c,a;
    printf("enter radius value of a circle:\n");
    scanf("%f",&r);
    printf("Diameter is %.2f \n",r*2.0);
    printf("Circumference is %.2f \n",r*2.0*3.14159);
    printf("area is %.2f \n",r*r*3.14159);
    return 0;
}
```

```
#include <stdio.h>
int main()
{
    int n1,n2;
    printf("Enter first value:\n");
    scanf("%d",&n1);
    printf("Enter second value:\n");
    scanf("%d",&n2);
    if(n1%n2==0)
        printf("\n%d is multiple of %d\n",n1,n2);
    else
        printf("\n%d is not multiple of %d\n",n1,n2);
    return 0;
}
```

```
#include <stdio.h>
int main()
{
    char value;
    printf("enter a value =\n");
    scanf("%c",&value);
    printf("integer value of %c = %d\n",value,value);
}
```

```
. #include <stdio.h>
int main()
{
    float add_1=0,basic_salary,bonus,mo_remun;
    int add_2=0,mo_sales,year;
    char city;
    printf("Enter monthly sales:\n");
    scanf("%d",&mo_sales);
    printf("Enter basic salary:\n");
    scanf("%f",&basic_salary);
    if(0<mo_sales<25000)
        bonus=(mo_sales*10.0/100.0);
}
```

```
else if (25000<mo_sales<50000)
bonus=(mo_sales*12.0/100.0);
else
bonus=(mo_sales*15.0/100.0);
printf("bonus = %.2f\n",bonus);
printf("Enter years of service time:\n");
scanf("%d",&year);
if(year>5)
add_1=(basic_salary*10.0/100.0);
printf("additional allowance = %f\n",add_1);
printf("Enter city of working (if city is Colombo, enter 'c'): ");
scanf(" %c", &city);
if (city == 'c')
add_2 = add_2 + 2500;
printf("additional allowance = %d\n", add_2);
mo_remun=bonus+basic_salary+add_1+add_2;
printf("monthly remuneration = %f",mo_remun);
}
```