```c
#include<stdio.h>
int main(){

  float p=4000, r=2, t=10;
  printf("your simple intrest is %f",(p*r*t)/100);
  return 0;




}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p4.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
enter value of temp in fahrenheit : 41
value of  temp in centigrade is : 5.000000
```

```c
#include<stdio.h>
int main(){
    char ch;

    printf("enter character :");
    scanf("%c", &ch);

    if (ch >='A' && ch <='Z')
    printf("the character is a capital letter \n");

    else if (ch >='a' && ch<='z')
    printf("the character is a small letter \n");

    else if (ch>='0' && ch<='9')
    printf("the character is a digit \n");

    else
    printf("the character is a spical syambol \n");

    return 0;

}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p13.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
enter a number :4
number is even :
```

```c
#include<stdio.h>
int main(){

int a;
printf("enter a number :");
scanf("%d", &a);

if (a%2==0)
printf("number is even :");
else
printf("number is odd");

return 0;
}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p12.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
enter any character : a
the ASCII code of 'a' is: 97
```

```c
#include<stdio.h>
int main(){
    char ch;
printf("enter any character : ");
    scanf("%c", &ch);

    printf("the ASCII code of '%c' is: %d \n", ch, ch);

return 0;
}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p11.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
time in second :3600
time in minit :60.000000
time in hour :1.000000
```

```c
#include<stdio.h>
int main(){

    float s;

    printf("time in second :");
    scanf("%f", &s);

    float m=s/60,h=m/60;

    printf("time in minit :%f \n", m);
    printf("time in hour :%f \n", h);

    return 0;
}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p10.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
mark in mathematics out of 200 is : 180
mark in physics out of 200 is : 160
mark in chemistry out of 200 is : 175
mark in entertrace examination out of 100 is :90
cut of marks is : 347.500000
```

```c
#include<stdio.h>

int main(){
    float M,P,C,E;


    printf("mark in mathematics out of 200 is : ");
    scanf("%f", &M);
    printf("mark in physics out of 200 is : ");
    scanf("%f", &P);
    printf("mark in chemistry out of 200 is : ");
    scanf("%f", &C);
    printf("mark in entertrace examination out of 100 is :");
    scanf("%f", &E);
    printf("cut of marks is : %f", M/2+P/2+C/2+E);

    return 0;
}
```

```c
#include<stdio.h>
int main(){

    double s=31558150.0,m=s/60,h=m/60,d=h/24;
    printf("period of revolution of earth in seconds is: %f \n", s);
    printf("period of revolution of earth in minutes is: %f \n", m);
    printf("period of revolution of earth in hours is: %f \n", h);
    printf("period of revolution of earth in days is: %f \n", d);

    return 0;

}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p7.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
enter is base : 5
enter is : 2
area of triangle is : 5.000000
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p8.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
period of revolution of earth in seconds is: 31558150.000000
period of revolution of earth in minutes is: 525969.166667
period of revolution of earth in hours is: 8766.152778
period of revolution of earth in days is: 365.256366
```

```c
#include<stdio.h>
int main() {

float base,hight;
printf("enter is base : ", base);
scanf("%f", &base);
printf("enter is : ",hight);
scanf("%f", &hight);

printf("area of triangle is : %f",(base*hight)/2);
return 0;
}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p6.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
enter value os a :4
enter value of b :6
value of a:6
value of b:4
```

```c
#include<stdio.h>
int main(){

    int a, b;

    printf("enter value os a :");
    scanf("%d", &a);
    printf("enter value of b :");
    scanf("%d", &b);

    a=a+b;
    b=a-b;
    a=a-b;

    printf("value of a:%d \n", a);
    printf("value of b:%d", b);
    return 0;
}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p5.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
a is :3, b is :5
a is :5, b is :3
```

```c
#include<stdio.h>
int main(){

    int a=3, b=5, c;
    printf("a is :%d, b is :%d \n" , a,b);
    c=a, a=b, b=c;
    printf("a is :%d, b is :%d", a ,b);

    return 0;
}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p3.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
houserent is : 6000
electricitybill is : 5000
otherbill is : 2000
house_grocerybill is : 1500
gross_salary is : 14500
```

```c
#include<stdio.h>
int main(){

int a=6000,b=5000,c=2000,f=1500;
printf("houserent is : %d \n", a);
printf("electricitybill is : %d \n",b);
printf("otherbill is : %d \n",c);
printf("house_grocerybill is : %d \n",f);
printf("gross_salary is : %d \n",a+b+c+f);
return 0;
}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p2.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
total mark is :  365
persantae is : 73.000000
```

```c
#include<stdio.h>
int main(){

int maths=70, chemistry=80, physics=75, english=69, pt=71 ;
int total=maths+chemistry+physics+english+pt;
printf("total mark is :  %d \n",total);
printf("persantae is : %f", (float)(total)/5);
return 0;

}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p1.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
your simple intrest is 800.000000
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p9.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
time in hours6
time in minits50
time in seconds12
total time in seconds : 24612
```

```c
#include<stdio.h>
int main(){

int hours,minits,seconds,totalseconds;

printf("time in hours :");
scanf("%d", &hours);
printf("time in minits :");
scanf("%d", &minits);
printf("time in seconds :");
scanf("%d", &seconds);

totalseconds = hours * 3600 + minits * 60 + seconds;
printf("total time in seconds : %d", totalseconds);
return 0;

}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p15.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
mark of maths out of 100: 90
mark of chemistry out of 100:86
mark of physics out of 100:78
mark of english out of 100: 80
mark of computer out of 100: 79
total mark :413 DIVISION is A
```

```c
#include<stdio.h>
int main(){

 int m=90,che=86,ph=78,eng=80,com=79;
int total=m+che+ph+eng+com;

    printf("mark of maths out of 100: %d \n", m);
    printf("mark of chemistry out of 100:%d \n", che);
    printf("mark of physics out of 100:%d \n", ph);
    printf("mark of english out of 100: %d \n", eng);
    printf("mark of computer out of 100: %d \n", com);
    printf("total mark :%d ", total);

 if  (total>=400)
  printf("DIVISION is A");
 else if(400> total>=300)
 printf("DIVISION is B");
  else if(300> total>=200)
 printf("DIVISION is C");
  else if(total>=100 && total<=200)
 printf("DIVISION is D");
 else
 printf("DIVISION is E");

 return 0;

}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p14.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
enter character :8
the character is a digit
```

```c
#include<stdio.h>
int main(){

    float F, C;

    printf("enter value of temp in fahrenheit : ");
    scanf("%f", &F);

    C=(F - 32) * 5 / 9;

    printf("value of  temp in centigrade is : %f", C);
    return 0;
}
```