

step 1

p = 82

c = 94

m = 76

e = 77

h = 83

sum = p+c+m+e+h

percentage = (sum)/100

Step 2

int p = 82;

int c = 94;

int m = 76;

int e = 77;

int h = 83;

sum = (p+c+m+e+h);

percentage = (sum)/100;

```
// step 3
```

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

```
int main() {
```

```
    int p = 82;
```

```
    int c = 94;
```

```
    int m = 76;
```

```
    int e = 77;
```

```
    int h = 83;
```

```
    int sum = p + c + m + e + h;
```

```
    float per = (sum )/500.0 * 100;
```

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

```
}
```

```
// step 4
```

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

```
int main() {
```

```
    int physics = 82;
```

```
    int chemistry = 94;
```

```
    int mathematics = 76;
```

```
    int english = 77;
```

```
    int hindi = 83;
```

```
    int sum= physics + chemistry + mathematics + english + hindi;
```

```
    float percentage = (sum)/500.0 *100;
```

```
    printf("percentage : %f", percentage);
```

```
}
```

```
// step 5
```

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

```
int main() {
```

```
    int physics ;  
    printf("enter the marks of physics :");  
    scanf("%d", &physics);
```

```
    int mathematics;  
    printf("enter the marks of mathematics :");  
    scanf("%d", &mathematics);
```

```
    int chemistry ;  
    printf("enter the marks of chemistry :");  
    scanf("%d", &chemistry);
```

```
    int hindi ;  
    printf("enter the marks of hindi:");  
    scanf("%d", &hindi);
```

```
    int english ;  
    printf("enter the marks of english :");  
    scanf("%d", &english);
```

```
    int sum = physics + chemistry + mathematics + english + hindi;  
    float percentage = (sum)/500.0 *100;  
    printf("percentage of student is : %f", percentage);
```

```
}
```

```
// step 6
```

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

```
int main() {
```

```
    int physics , chemistry , mathematics , hindi , english, sum;
```

```
    printf("enter the marks of physics :");  
    scanf("%d", &physics);
```

```
    printf("enter the marks of mathematics :");  
    scanf("%d", &mathematics);
```

```
    printf("enter the marks of chemistry :");  
    scanf("%d", &chemistry);
```

```
    printf("enter the marks of hindi:");  
    scanf("%d", &hindi);
```

```
    printf("enter the marks of english :");  
    scanf("%d", &english);
```

```
    sum = physics + chemistry + mathematics + english + hindi;
```

```
    float percentage = (sum)/500.0 *100;  
    printf("percentage of student is : %f", percentage);
```

```
}
```

Step 1

$$p = 7800$$

$$r = 5$$

$$t = 3$$

$$S.I = (p*r*t)/100$$

$$A = p*(1+r/100)^t$$

$$C.I = A - p$$

Step 2

```
int p = 7800;
```

```
int r = 5 ;
```

```
int t = 3;
```

```
int S.I = (p*r*t)/100;
```

```
int A = p*(1+r/100)^t;
```

```
int C.I = A - p ;
```

// step 3

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

    int p = 7800;
    int r =5;
    int t = 3 ;

    float si = (p*r*t)/100.0;
    printf("%f\n", si);

    float A = p * pow(1+ r/100.0 ,t) ;
    printf("%f\n", A);

    float ci = (A - p) ;
    printf("%f", ci);

    return 0 ;
}
```

// step 4

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

    int principle = 7800;
    int rate =5;
    int time = 3 ;

    float simple = (principle*rate*time)/100.0;
    printf("%f\n", simple );

    float Amount = principle * pow(1+ rate/100.0 ,time) ;
    printf("%f\n", Amount);

    float compound = (Amount - principle) ;
    printf("%f\n", compound);

    return 0 ;
}
```


// step 5

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

    int principle ;
    printf("enter the principle amount : ");
    scanf("%d" , &principle );

    int rate ;
    printf("enter the rate :");
    scanf("%d", &rate);

    int time ;
    printf("enter the time :");
    scanf("%d", &time);

    float simple = (principle*rate*time)/100.0;
    printf("%f\n", simple );

    float Amount = principle * pow(1+ rate/100.0 ,time) ;
    printf("%f\n", Amount);

    float compound = (Amount - principle) ;
    printf("%f\n", compound);

    return 0 ;
}
```

// step 6

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

    int principle,rate,time ;
    printf("enter the principle amount : ");
    scanf("%d" , &principle );

    printf("enter the rate :");
    scanf("%d", &rate);

    printf("enter the time :");
    scanf("%d", &time);

    float simple = (principle*rate*time)/100.0;
    printf("%f\n", simple );

    float Amount = principle * pow(1+ rate/100.0 ,time) ;
    printf("%f\n", Amount);

    float compound = (Amount - principle) ;
    printf("%f\n", compound);

    return 0 ;
}
```

Step 1

$r = 14$

$a = 3.14 * r * r$

$c = 2 * 3.14 * r$

Step 2

`int r = 14;`

`int a = 3.14 * r * r;`

`int c = 3.14 * r;`

```
// step 3
```

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

```
int main() {  
    int r= 14 ;  
    float a = 3.14*r*r ;  
    printf("%f\n", a);  
  
    float c = 2*3.14*r;  
    printf("%f\n", c);  
  
    return 0 ;  
}
```

```
// step 4
```

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

```
int main() {  
    int radius = 14 ;  
    float area = 3.14*radius*radius ;  
    printf("%f\n", area);  
  
    float circumference = 2*3.14*radius;  
    printf("%f\n", circumference);  
  
    return 0 ;  
}
```

```
// step 5
```

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

```
int main() {
```

```
    int radius ;
```

```
    printf("enter the radius of circle :");
```

```
    scanf("%d", &radius);
```

```
    float area = 3.14*radius*radius;
```

```
    printf("area of circle is : %f\n", area);
```

```
    float circumference = 2*3.14*radius;
```

```
    printf("circumference of circle is : %f\n", circumference);
```

```
}
```

Step 1

`c = 35;`

`f = (c*9/5)+32`

Step 2

`int c = 35;`

`int f = (c*9/5)+32;`

// step 3

include <stdio.h>

int main(){

int c = 35 ;

float f = (c*9/5)+32 ;

printf("%f", f);

}

// step 4

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

```
int main(){
```

```
    int celcius = 35 ;
```

```
    float fahrenheit = (celcius*9/5)+32;
```

```
    printf("temprature in fahrenheit is : %f", fahrenheit);
```

```
}
```

//step 5

```
# include <stdio.h>
int main(){
    int celcius;
    printf("enter the temprature in celcius :");
    scanf("%d", &celcius);

    float fahrenheit = (celcius*9/5)+32;
    printf("temprature in fahrenheit is : %f ", fahrenheit);

}
```

//step 6

```
                # include <stdio.h>
int main(){
    int celcius;
    printf("enter the temprature in celcius :");
    scanf("%d", &celcius);

    float fahrenheit = (celcius*9/5)+32;
    printf("temprature in fahrenheit is : %f ", fahrenheit);

    }
```

Step 1

a = 5

b = 8

temp

temp = a

a = b

b = temp

Step 2

int a = 5;

int b = 8;

int temp;

temp = a ;

a = b ;

b = temp;

// step 3

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

    int a= 5;
    int b = 8 ;
    int temp ;

    temp = a ;
    a = b ;
    b = temp ;

    printf ("the value of a after swapping : %d\n", a);
    printf ("the value of b after swapping : %d\n", b);

    return 0;
}
```

// step 4

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

    int firstnum = 5;
    int secondnum = 8 ;
    int temp ;

    temp = firstnum;
    firstnum = secondnum ;
    secondnum = temp ;

    printf ("the value of firstnum after swapping : %d\n", firstnum);
    printf ("the value of secondnum after swapping : %d\n", secondnum);

    return 0 ;

}
```

// step 5

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

    int firstnum;
    printf("enter the firstnum :");
    scanf("%d", &firstnum);

    int secondnum ;
    printf("enter the secondnum :");
    scanf("%d", &secondnum );

    int temp ;
    temp = firstnum;
    firstnum = secondnum ;
    secondnum = temp;

    printf ("the value of firstnum after swapping : %d\n", firstnum);
    printf ("the value of secondnum after swapping : %d\n", secondnum);

    return 0 ;
}
```

// step 6

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

    int firstnum , secondnum ;
    printf("enter the firstnum :");
    scanf("%d", &firstnum);

    printf("enter the secondnum :");
    scanf("%d", &secondnum );

    int temp ;
    temp = firstnum;
    firstnum = secondnum ;
    secondnum = temp;

    printf ("the value of firstnum after swapping : %d\n", firstnum);
    printf ("the value of secondnum after swapping : %d\n", secondnum);

    return 0 ; }
```


Step 1

a = 5

b = 5

if a = b

print a equal to b

else

a not equal to b

Step 2

int a = 5;

int b = 5 ;

if (a==b){

print a equal to b

}

else {

print a not equal

to b }

// Step 3

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

```
int main(){
```

```
    int a = 5 ;
```

```
    int b = 5 ;
```

```
    if (a==b) {
```

```
        printf("the numbers are equal\n");
```

```
    }
```

```
    else {
```

```
        printf("the numbers are not equal\n");
```

```
    }
```

```
    return 0 ;
```

```
}
```

// step 4

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

    int firstnum = 5 ;
    int secondnum = 5 ;

    if (firstnum == secondnum) {
        printf("the numbers are equal\n");
    }
    else {
        printf("the numbers are not equal\n");
    }
    return 0 ;
}
```

```
// step 5
```

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

```
int main(){
```

```
    int firstnum;
```

```
    printf("enter the firstnum : ");
```

```
    scanf("%d", &firstnum);
```

```
    int secondnum;
```

```
    printf("enter the secondnum :");
```

```
    scanf("%d", &secondnum );
```

```
    if (firstnum == secondnum){
```

```
        printf("the numbers are equal\n");
```

```
    }
```

```
    else {
```

```
        printf(" the numbers are not equal");
```

```
    }
```

```
}
```

//step 6

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

```
int main() {
```

```
    int firstnum , secondnum ;  
    printf("enter the firstnum : ");  
    scanf("%d", &firstnum);
```

```
  
    printf("enter the secondnum :");  
    scanf("%d", &secondnum );
```

```
  
    if (firstnum == secondnum){  
        printf("the numbers are equal\n");  
    }  
    else {  
        printf(" the numbers are not equal");  
    }  
}
```

```
}
```

Step 1

a = 56

b = 89

c = 45

if(a>b , a>c)

a is greatest

if(b>c , b>a)

b is greatest

else

c is greatest

Step 2

```
int a = 56;
```

```
int b = 89;
```

```
int c = 45;
```

```
if(a>b ,&& a>c) {  
  a is greatest}
```

```
if(b>c , && b>a){  
  b is greatest
```

```
else {  
  c is greatest}
```

// step 3

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

```
int main() {
```

```
    int a = 56;
```

```
    int b = 89;
```

```
    int c = 45;
```

```
    if(a>=b && a>=c) {
```

```
        printf("a is greatest\n");
```

```
    }
```

```
    else if (b>=a &&b>=c) {
```

```
        printf("b is greatest\n");
```

```
    }
```

```
    else {
```

```
        printf("c is greatest\n");
```

```
    }
```

```
    return 0 ;
```

```
}
```


// step 4

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

```
int main() {
```

```
    int firstnum = 56;
```

```
    int secondnum = 89;
```

```
    int thirdnum = 45;
```

```
    if(firstnum>=secondnum && firstnum >=thirdnum) {
```

```
        printf("firstnum is greatest\n");
```

```
    }
```

```
    else if (secondnum>=firstnum && secondnum>=thirdnum) {
```

```
        printf("secondnum is greatest\n");
```

```
    }
```

```
    else {
```

```
        printf("thirdnum is greatest\n");
```

```
    }
```

```
    return 0 ;
```

```
}
```

```
// step 5
```

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

```
int main() {
```

```
    int firstnum ;  
    printf("enter the first number:") ;  
    scanf("%d", &firstnum);
```

```
    int secondnum ;  
    printf("enter the second number :");  
    scanf("%d", &secondnum);
```

```
    int thirdnum ;  
    printf("enter the third number :");  
    scanf("%d", &thirdnum);
```

```
    if(firstnum>=secondnum && firstnum >=thirdnum) {  
        printf("firstnum is greatest\n");  
    }
```

```
    else if (secondnum>=firstnum && secondnum>=thirdnum) {  
        printf("secondnum is greatest\n");  
    }
```

```
    else {  
        printf("thirdnum is greatest\n");  
    }  
    return 0 ;
```

```
}
```

// step 6

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

```
int main() {
```

```
    int firstnum , secondnum , thirdnum ;
```

```
    printf("enter the first number:") ;  
    scanf("%d", &firstnum);
```

```
    printf("enter the second number :");  
    scanf("%d", &secondnum);
```

```
    printf("enter the third number :");  
    scanf("%d", &thirdnum);
```

```
    if(firstnum>=secondnum && firstnum >=thirdnum) {  
        printf("firstnum is greatest\n");  
    }
```

```
    else if (secondnum>=firstnum && secondnum>=thirdnum) {  
        printf("secondnum is greatest\n");  
    }
```

```
    else {  
        printf("thirdnum is greatest\n");  
    }
```

```
    return 0 ;  
}
```

Step 1

```
a = 5  
if(a/2==0)  
a is even
```

```
else  
a is odd
```

Step 2

```
int a = 5;  
if(a/2==0) {  
print a is even}
```

```
else {  
a is odd }
```

// step 3

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

```
int main() {
```

```
    int a = 5 ;
```

```
    if(a/2==0) {  
        printf("the number  is even\n");  
    }
```

```
    else {  
        printf("the number is odd\n");  
    }  
    return 0 ;  
}
```

// step 4

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

```
int main() {
```

```
    int num = 5 ;
```

```
    if(num/2==0) {  
        printf("the number  is even\n");  
    }
```

```
    else {  
        printf("the number is odd\n");  
    }  
    return 0 ;  
}
```

```
// step 5
```

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

```
int main() {
```

```
    int num ;
```

```
    printf("enter the number :");
```

```
    scanf("%d", &num);
```

```
    if(num/2==0) {
```

```
        printf("the number is even\n");
```

```
    }
```

```
        else {
```

```
            printf("the number is odd\n");
```

```
        }
```

```
        return 0 ;
```

```
    }
```

// step 6

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

```
int main() {
```

```
    int num ;
```

```
    printf("enter the number :");
```

```
    scanf("%d", &num);
```

```
    if(num/2==0) {
```

```
        printf("the number is even\n");
```

```
    }
```

```
        else {
```

```
            printf("the number is odd\n");
```

```
        }
```

```
        return 0 ;
```


Step 1

a = 2025

if (a / 4 = 0)

a is leap year

else

a is non leap year

Step 2

int a = 2025;

if(a/4==0) {
a is leap year}

else {
a is non leap year}

```
// step 3
```

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

```
int main() {
```

```
    int y = 2025;
```

```
    if(y/4==0) {
```

```
        printf("the year is leap year\n");
```

```
    }
```

```
    else {
```

```
        printf("the year is non leap year ");
```

```
    }
```

```
    return 0 ;
```

```
}
```

//step 4

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

    int year = 2025;
    if(year/4==0) {
        printf("the year is leap year\n");
    }

    else {
        printf("the year is non leap year ");
    }
    return 0 ;
}
```

// step 5

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

    int year ;
    printf("enter the year :");
    scanf("%d", &year);

    if(year/4==0) {
        printf("the year is leap year\n");
    }
    else {
        printf("the year is non leap year ");
    }
    return 0 ;
}
```

// step 6

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

    int year ;
    printf("enter the year :");
    scanf("%d", &year);

    if(year/4==0) {
        printf("the year is leap year\n");
    }
    else {
        printf("the year is non leap year ");
    }
    return 0 ;
}
```

step 1

$p = 82$

$c = 94$

$m = 76$

$e = 77$

$h = 83$

$\text{sum} = (p+c+m+e+h)$

$\text{per} = (\text{sum}/500)*100$

if per between 90-100% - A

if per between 80-90% - B

if per between 60-80% - C

if per below 60% - D

step 2

```
int p = 82;  
int c = 94;  
int m = 76;  
int e = 77;  
int h = 83;
```

```
int sum = (p+c+m+e+h);  
int per = (sum/500)*100;
```

```
if 90<per<100 - grade A  
if 80<per<90  - grade B  
if 60<per<80  - grade C  
if per below 60% - grade D
```

// step 3

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

```
int main() {
```

```
    int p = 82;
```

```
    int c = 94;
```

```
    int m = 76;
```

```
    int e = 77;
```

```
    int h = 83;
```

```
    int sum = p + c + m + e + h;
```

```
    float per = (sum )/500.0 * 100 ;
```

```
    if(per>= 90){
```

```
        printf("grade A \n");
```

```
    }
```

```
    if(per>=80 && per<90) {
```

```
        printf("grade B \n");
```

```
    }
```

```
    if(per>=60 && per<80) {
```

```
        printf("grade C\n");
```

```
    }
```

```
    if(per<60) {
```

```
        printf("grade D \n");
```

```
    }
```

```
    return 0 ;
```

```
}
```



```
// step 4
```

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

```
int main() {
```

```
    int physics = 82;
```

```
    int chemistry = 94;
```

```
    int mathematics = 76;
```

```
    int english = 77;
```

```
    int hindi = 83;
```

```
    int sum = physics + chemistry + mathematics + english + hindi;
```

```
    float per = (sum )/500.0 * 100 ;
```

```
    if(per>= 90){
```

```
        printf("grade A \n");
```

```
    }
```

```
    if(per>=80 && per<90) {
```

```
        printf("grade B \n");
```

```
    }
```

```
    if(per>=60 && per<80) {
```

```
        printf("grade C\n");
```

```
    }
```

```
    if(per<60) {
```

```
        printf("grade D \n");
```

```
    }
```

```
    return 0 ;
```

```
}
```

```

// step 5
    # include <stdio.h>

int main() {

    int physics ;
    printf("enter the marks of physics :");
    scanf("%d", &physics);

    int mathematics;
    printf("enter the marks of mathematics :");
    scanf("%d", &mathematics);

    int chemistry ;
    printf("enter the marks of chemistry :");
    scanf("%d", &chemistry);

    int hindi ;
    printf("enter the marks of hindi:");
    scanf("%d", &hindi);

    int english ;
    printf("enter the marks of english :");
    scanf("%d", &english);

    int sum = physics + chemistry + mathematics + english + hindi;
    float per = (sum )/500.0 * 100 ;

    if(per>= 90){
        printf("grade A \n");
    }

    if(per>=80 && per<90) {
        printf("grade B \n");
    }

    if(per>=60 && per<80) {
        printf("grade C\n");
    }
}

```

// step 6

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

```
int main() {
```

```
    int physics, chemistry, mathematics, hindi, english;  
    printf("enter the marks of physics :");  
    scanf("%d", &physics);
```

```
    printf("enter the marks of mathematics :");  
    scanf("%d", &mathematics);
```

```
    printf("enter the marks of chemistry :");  
    scanf("%d", &chemistry);
```

```
    printf("enter the marks of hindi:");  
    scanf("%d", &hindi);
```

```
    printf("enter the marks of english :");  
    scanf("%d", &english);
```

```
    int sum = physics + chemistry + mathematics + english + hindi;  
    float per = (sum )/500.0 * 100 ;
```

```
    if(per>= 90){  
        printf("grade A \n");  
    }
```

```
    if(per>=80 && per<90) {  
        printf("grade B \n");  
    }
```

```
    if(per>=60 && per<80) {  
        printf("grade C\n");  
    }
```