//write a c programme of two integer addition

#include<stdio.h>

int main()

{

int x,y,z;

x=5;

y=3;

z=x+y;

printf("result :%d",z);

return 0;

}

result :8

--------------------------------

Process exited after 0.02187 seconds with return value 0

Press any key to continue . . .

//write a c programme of two integer multiplication

#include<stdio.h>

int main()

{

int x,y,z;

x=5;

y=3;

z=x\*y;

printf("result :%d",z);

return 0;

}

result :15

--------------------------------

Process exited after 0.02084 seconds with return value 0

Press any key to continue . . .

//write a c programme of two integer substraction

#include<stdio.h>

int main()

{

int x,y,z;

x=5;

y=3;

z=x-y;

printf("result :%d",z);

return 0;

}

result :2

--------------------------------

Process exited after 0.02058 seconds with return value 0

Press any key to continue . . .

//write a c programme of two integer division

#include<stdio.h>

int main()

{

int x,y,z;

x=5;

y=3;

z=x/y;

printf("result :%d",z);

return 0;

}

result :1

--------------------------------

Process exited after 0.02063 seconds with return value 0

Press any key to continue . . .

//write a c programme to take input of marks of the students and give them marks by grading system by if and else statement

#include<stdio.h>

int main()

{

int m;

printf("enter the number :");

scanf("%d",&m);

if(m<40)

printf("grade : fail");

if(m>=40 && m<50)

printf("grade = F");

if(m>=50 && m<60);

printf("grade : E");

if(m>=60 && m<70)

printf("grade : D");

if(m>=70 && m<80)

printf("grade = C");

if(m>=80 && m<90)

printf("grade = B");

if(m>=90 && m<100)

printf("grade = A");

return 0;

}

enter the number :45

grade = Fgrade : E

--------------------------------

Process exited after 3.239 seconds with return value 0

Press any key to continue . . .

//write a c programme of type custing

#include<stdio.h>

int main()

{

int x,y;float z;

x=7;

y=5;

z=(float)x/(float)y;

printf("result :%f",z);

return 0;

}

result :1.400000

--------------------------------

Process exited after 0.02024 seconds with return value 0

Press any key to continue . . .

//write a c programme by using pre-increment & post-increment

#include<stdio.h>

int main()

{

int x,y,z;

x=5;

y=4;

z=x++ + ++y;

printf("result :%d\t%d\t%d\t",x++,y++,z);

return 0;

}

result :6 5 10

--------------------------------

Process exited after 0.01943 seconds with return value 0

Press any key to continue . . .

/\* prime no using flag variable \*/

#include<stdio.h>

int main()

{

int i,n,flag =0;

printf("enter the value of n\n");

scanf("%d",&n);

for(i=2;i<=n/2;i++)

{

if(n%i==0)

flag =0;

else

flag =1;

}

if(flag==0)

printf("not prime no");

else

printf(" prime no");

return 0;

}

enter the value of n

11

prime noprime noprime noprime no

--------------------------------

Process exited after 3.155 seconds with return value 0

Press any key to continue . . .

/\* write a c programme wheather a no is prime number or not \*/

#include<stdio.h>

int main()

{

int i,n;

printf("enter the value of n\n");

scanf("%d",&n);

for(i=2;i<=n/2;i++)

{

if(n%i==0)

printf("not prime no ");

else

printf("prime no");

}

return 0;

}

enter the value of n

16

not prime no prime nonot prime no prime noprime noprime nonot prime no

--------------------------------

Process exited after 4.381 seconds with return value 0

Press any key to continue . . .

/\* write a c programme of wheather a no is perfect or not \*/

#include<stdio.h>

int main()

{

int i,n,sum=0;

printf("enter the value of n\n");

scanf("%d",&n);

for(i=1;i<n;i++)

{

if(n%i==0)

sum=sum+i;

}

if(n==sum)

printf("perfect no");

else

printf("not perfect no");

return 0;

}

enter the value of n

6

perfect no

--------------------------------

Process exited after 2.775 seconds with return value 0

Press any key to continue . . .

/\* print the sum of all even no from 1 to 20 \*/

#include<stdio.h>

int main()

{

int i,n,sum=0;

printf("enter the value of n\n");

scanf("%d",&n);

for(i=1;i<=n;i++)

{

if(i%2==0)

sum=sum=i;

}

printf("sum is %d",sum);

return 0;

}

enter the value of n

20

sum is 20

--------------------------------

Process exited after 4.998 seconds with return value 0

Press any key to continue . . .

/\* print all even no between 1 to 20 \*/

#include<stdio.h>

int main()

{

int i,n;

printf("enter the value of n\n");

scanf("%d",&n);

for(i=1;i<=n;i++)

{

if(i%2==0)

printf("the no %d is even\n",i);

}

return 0;

}

enter the value of n

20

the no 2 is even

the no 4 is even

the no 6 is even

the no 8 is even

the no 10 is even

the no 12 is even

the no 14 is even

the no 16 is even

the no 18 is even

the no 20 is even

--------------------------------

Process exited after 2.849 seconds with return value 0

Press any key to continue . . .

/\* print the smaller values from the taken value \*/

#include<stdio.h>

int main()

{

int i,n;

printf("enter the value of n\n");

scanf("%d",&n);

for(i=0;i<n;i++)

{

if(i<n)

printf("the value is %d\n",i);

}

return 0;

}

enter the value of n

6

the value is 0

the value is 1

the value is 2

the value is 3

the value is 4

the value is 5

--------------------------------

Process exited after 2.016 seconds with return value 0

Press any key to continue . . .

/\* c programme using break \*/

#include<stdio.h>

int main()

{

int i,j;

for(i=0;i<5;i++)

for(j=0;j<5;j++)

{

if(i==j)

break;

else

printf("%d\t%d\n",i,j);

}

return 0;

}

1 0

2 0

2 1

3 0

3 1

3 2

4 0

4 1

4 2

4 3

--------------------------------

Process exited after 0.02352 seconds with return value 0

Press any key to continue . . .

/\* c programme using continue \*/

#include<stdio.h>

int main()

{

int i,j;

for(i=0;i<5;i++)

for(j=0;j<5;j++)

{

if(i==j)

continue;

else

printf("%d\t%d\n",i,j);

}

return 0;

}

0 1

0 2

0 3

0 4

1 0

1 2

1 3

1 4

2 0

2 1

2 3

2 4

3 0

3 1

3 2

3 4

4 0

4 1

4 2

4 3

--------------------------------

Process exited after 0.02299 seconds with return value 0

Press any key to continue . . .

/\* prime no by using break \*/

#include<stdio.h>

int main()

{

int i,n,flag =0;

printf("enter the value of n\n");

scanf("%d",&n);

for(i=2;i<=n/2;i++)

{

{

if(n%i==0)

flag =0;

else

flag =1;

}

if(flag=0)

printf("not prime no");

else

break;

return 0;

}

}

enter the value of n

16

not prime no prime nonot prime no prime noprime noprime nonot prime no

--------------------------------

Process exited after 4.841 seconds with return value 0

Press any key to continue . . .

/\* prime no by using continue \*/

#include<stdio.h>

int main()

{

int i,n,flag =0;

printf("enter the value of n\n");

scanf("%d",&n);

for(i=2;i<=n/2;i++)

{

{

if(n%i==0)

flag =0;

else

flag =1;

}

if(flag=0)

printf("not prime no");

else

continue;

return 0;

}

}

enter the value of n

17

prime noprime noprime noprime noprime noprime noprime no

--------------------------------

Process exited after 2.929 seconds with return value 0

Press any key to continue . . .

//\* write a c programme of wheather a no is palindrome or not \*//

#include<stdio.h>

int main()

{

int n,rev=0,rem,k;

printf("enter the value of n\n");

scanf("%d",&n);

k=n;

while(n!=0)

{

rem=n%10;

rev=rev\*10+rem;

n=n/10;

}

if(k==rev)

printf("palindrome no");

else

printf("not palindrome no");

return 0;

}

enter the value of n

1331

palindrome no

--------------------------------

Process exited after 3.251 seconds with return value 0

Press any key to continue . . .

//\* write a c programme to find a armstrong number \*//

#include<stdio.h>

int main()

{

int n,k,rem,sum=0;

printf("enter the value of n\n");

scanf("%d",&n);

k=n;

while(n!=0)

{

rem=n%10;

sum=sum+(rem\*rem\*rem);

n=n/10;

}

if(k==sum)

printf("it is an armstrong no");

else

printf("it is not an armstrong no");

return 0;

}

enter the value of n

153

it is an armstrong no

--------------------------------

Process exited after 2.893 seconds with return value 0

Press any key to continue . . .