#include <stdio.h>

//p1

int main() {

   int n=5,i;

   if(n>0)

   for(i=0;i<n;i++)

      if(i%7>0){

         printf("...");

         return i;

      }

      else

      printf("error, n is negative\n");

   return 0;

}

[Running] cd "c:\Users\Dell\" && gcc hello.c -o hello && "c:\Users\Dell\"hello

error, n is negative

...

[Done] exited with code=1 in 0.36 seconds

#include <stdio.h>

int main() {

   int c,i,j;

   char s[9]="STRESSED";

   for(i=0,j=7;i<j;i++,j--){

      c=s[i];

      s[i]=s[j];

      s[j]=c;

   }

   printf("%s\n",s);

return 0;

}

[Running] cd "c:\Users\Dell\" && gcc hello.c -o hello && "c:\Users\Dell\"hello

DESSERTS

[Done] exited with code=0 in 0.385 seconds

#include <stdio.h>

int main() {

   int a=10;

   do{

      if(a==15){

      a=a+1;

      continue;

      }

      printf("value of a: %d\n",a);

      a++;

   }while(a<20);

return 0;

}

[Running] cd "c:\Users\Dell\" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "c:\Users\Dell\"tempCodeRunnerFile

value of a: 10

value of a: 11

value of a: 12

value of a: 13

value of a: 14

value of a: 16

value of a: 17

value of a: 18

value of a: 19

[Done] exited with code=0 in 0.6 seconds

#include <stdio.h>

int main() {

   int x=5,y=-3;

   if(x=y)

   printf("%d\t%d\n",x,y);

   else

   if(x>y)

   printf("%d > %d",x,y);

   else

   ("%d < %d",x,y);

return 0;

}

[Running] cd "c:\Users\Dell\" && gcc hello.c -o hello && "c:\Users\Dell\"hello

-3  -3

[Done] exited with code=0 in 0.293 seconds

#include <stdio.h>

int main() {

 char ch = getchar();

 if ( (ch >= 65) && (ch <= 90) ) /\* test if ch is a capital letter \*/

 printf("%c is a capital letter\n", ch);

 else

 if ( (ch >= 97) && (ch <= 122) ) /\* test if ch is a small letter \*/

 printf("%c is a small letter\n", ch);

 else

 if ( (ch >= 48) && (ch <= 57) ) /\* test if ch is a digit \*/

 printf("%c is a digit\n", ch);

 else

 if ( (ch == 42) || (ch == 43) || (ch == 45) ||(ch == 47) ) /\* test if ch is an arithmetic operator

\*/

 printf("%c is an arithmetic operator\n", ch);

 else

 printf("Unrecognized character");

 return 0;

}

#include <stdio.h>

int main() {

int a=10;

do{

   if(a==15)

   a=a+1;

   printf("the value of a: %d \n",a++);

}while(a<20);

 // No of iterations:9

return 0;

}

#include <stdio.h>

int main() {

int i;

for(i=900;-5;i/=3){

printf("%d ",i);

if(i<=35)

break;

}

 // No of iterations:4

return 0;

}

#include <stdio.h>

int main() {

   int i,j,k;

   for(i=0,k=0;i<=5,k<=3;i++,k+=2){

      printf("%d ",i+k);

   }

 // No of iterations:2

return 0;

}

#include <stdio.h>

int main() {

   int n=100;

   while(--n)

   printf("%d \n",n\*2);

 // No of iterations:99

return 0;

}

#include <stdio.h>

int main() {

   unsigned char c;

   for(c=255;c;c>>=1)

   printf("%d ",c);

 // No of iterations:8

return 0;

}

#include <stdio.h>

int main() {

   unsigned char c;

   for(c=128;c;c>>=1)

   printf("%d ",c);

 // No of iterations:8

return 0;

}

#include <stdio.h>

int main() {

   unsigned char c;

   for(c=1;c;c<<=1)

   printf("%d ",c);

 // No of iterations:8

return 0;

}