ellosing + leuliso 8
# include (stdio.h)
# include (math.h)
int main () }
print f ("please enter n = ");
int x, y, z, n;
Scanf ("7.d", 8n);
for (x=1; x(n/2; x++)}
for (y=x; y <n(2; td="" y++)}<=""></n(2;>
Z=n-x-y;
if ((x+y>z) 88 (x+z>y) 88 (y+z>x) 88(y<=z))
Printf ("1.d, 1.d, 1.d \n", x,y,z);
}
}
رای انتدر ریامہ اعداد مواری جائے سود کامی سے اعداد را عمورے صعودی
را اس زمال اصر زمال احرال برام لو آه بر اسر برام است است
م يوانع ازرا در اسفاده لسم ة
$\chi+y+z=n \rightarrow \chi+y=n-z$
X+472

```
(globals)
es • • Untitled2.c
                                                           C:\Users\majid\Desktop\HW7\Untitled2.exe
       1 #include<stdio.h>
                                                      please enter n= 7
2,2,3
       2 #include<math.h>
      3 ☐ int main(){
      4
              printf("please enter n= ");
       5
              int x,y,z,n;
                                                      Process exited after 8.495 seconds with return value 3
       6
              scanf("%d",&n);
                                                      Press any key to continue . . .
      7中
              for (x=1;x<n/2;x++){
      8日
                  for (y=x;y<n/2;y++){
                      z=n-x-y;
       9
                  if ((x+y>z)&&(x+z>y)&&(y+z>x)&&(y<=z)){
printf("%d,%d,%d\n",x,y,z);</pre>
      10日
     11
     12
                                                                C:\Users\majid\Desktop\HW7\Untitled2.exe
     13
                                                  2,5,5
3,4,5
                                                   Process exited after 3.715 seconds with return value 6
                                                  Press any key to continue . . .
```

```
#include<stdio.h>
#include<math.h>
int main(){
    printf("please enter n= ");
    int x,y,z,n;
    scanf("%d",&n);
    for (x=1;x<n/2;x++){
        for (y=x;y<n/2;y++){
            z=n-x-y;
        if ((x+y>z)&&(x+z>y)&&(y+z>x)&&(y<=z)){
            printf("%d,%d,%d\n",x,y,z);
        }
    }
}</pre>
```