



Hello, 2021115001.

Submission of Pythagorean Triplets - B by 2021115001

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C

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```
1  #include <stdio.h>
2  int main()
3  {
4      int N,x;
5      x=scanf("%d",&N);
6      if(x<0)
7      {
8          return 1;
9      }
10     if(N<=0)
11     {
12         return 1;
13     }
14     int n=0,a,b,c; //defining the variable required to initiate the loop
15     for(a=3;a<=200;a++)
16     {
17         for(b=a+1;b<=200;b++)
18         {
19             for(c=b+1;c<=200;c++)
20             {
21                 if((a*a)+(b*b)==(c*c)) //checking the conditio
22                 {
23                     printf("%d %d %d\n",a,b,c);
24                     n++;
25                     break;
26                 }
27             }
28             if(n==N)
29             {
30                 break;
31             }
32         }
33         if(n==N)
34         {
35             break;
36         }
37     }
38 }
```

