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[■] ESSAY1.C

1=[↑↓]

```
#include<stdio.h>
main()
{
    int intial,final,a,b,c;
    printf("Enter the range:");
    scanf("%d",&final);
    printf("The Pythagorean Triplets in the given range are :\n");
    for(a=1;a<=final;a++)
    {
        for(b=a;b<=final;b++)
        {
            for(c=b;c<=final;c++)
            {
                if(c*c==a*a+b*b)
                { printf("%d,%d,%d\n",a,b,c);
                }
            }
        }
    }
    return 0;
}
```

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C:\TURBOC3\BIN>TC

Enter the range:10

The Pythagorean Triplets in the given range are :

3,4,5

6,8,10

Enter the range:-10

The Pythagorean Triplets in the given range are :

Enter the range:#

The Pythagorean Triplets in the given range are :

Enter the range:1.5

The Pythagorean Triplets in the given range are :

Enter the range:25

The Pythagorean Triplets in the given range are :

Enter the range: