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[■] ESSAY1.CPP

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);
}
}
}
}
```

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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: