

```
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[ ] ESSAY1.C 1-[ ]
#include<stdio.h>
main() {
int initial,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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```
Enter the range :12
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:
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:
3,4,5
5,12,13
6,8,10
7,24,25
8,15,17
9,12,15
12,16,20
15,20,25
Enter the range :
```