```
=[■]================================ ESSAY1.C ================================1=[↕]=
#include<stdio.h>
main()
{
int intial,final,a,b,c;
printf("Enter the range:");
scanf("%d",&final);
printf("The Pythogorean 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;
}
```

```
C:\TURBOC3\BIN>TC
Enter the range:10
The Pythogorean Triplets in the given range are :
3,4,5
6,8,10
Enter the range:-10
The Pythogorean Triplets in the given range are :
Enter the range:#
The Pythogorean Triplets in the given range are :
Enter the range:1.5
The Pythogorean Triplets in the given range are :
Enter the range:25
The Pythogorean Triplets in the given range are :
Enter the range:
```