```
import math
i=int(input("Enter to one of the following to perform the theoram: \
n1.Hypotaneous n\2.Base n\3.Perpendicular"))
if(i==1):
        x=int(input("enter the base:"))
        y=int(input("enter the perpendicular:"))
        print("hyp willbe:{}".format(math.sqrt((x*x)+(y*y))))
elif(i==2):
        x=int(input("enter the hypotaneous:"))
        y=int(input("enter the perpendicular:"))
        print("hyp willbe:{}".format(math.sqrt((x*x)-(y*y))))
else:
        x=int(input("enter the base:"))
        y=int(input("enter the hypotaneous:"))
        print("hyp willbe:{}".format(math.sqrt((x*x)-(y*y))))
```