//program of problem statement

import java.util.Scanner;

class turn{

public static void main(String args[])

{

Scanner sc= new Scanner(System.in);

int x=0,y=0;

System.out.println("enter turn");

int turn=sc.nextInt();

for(int i=1;i<=turn;i++)

{

switch(i%5)

{

case 0:x=x+10\*i;

break;

case 1:x=x+10\*i;

break;

case 2:y=y+10\*i;

break;

case 3:x=x-10\*i;

break;

case 4:y=y-10\*i;

break;

}

}

System.out.println(" ( "+x+","+y+")");

}

}

/\* for test case 4:

input =6

output=(90,-20

\*/