{

Console.WriteLine("put the code");

int code = int.Parse(Console.ReadLine());

string import = Console.ReadLine();

int first =

(code / 100000);

int second =

(code / 10000) - (first \* 10);

int third =

(code / 1000) - (second \* 10) - (first \* 100);

int fouth =

(code / 100) - (third \* 10) - (second \* 100) - (first \* 1000);

int fifth =

(code / 10) - (fouth \* 10) - (third \* 100) - (second \* 1000) - (first \* 10000);

int sixth =

code - ( first\* 100000) - (second \* 10000) - (third \* 1000) - (fouth \* 100) - (fifth \* 10);

//to check cia

bool YouareCIA =

(import == "CIA")

&& (third >= 6)

&& (third != 8)

&& (fifth != 3)

&& (fifth != 5)

&& (sixth % 3 == 0)

&& (sixth != 1) ;

//to check fbi

bool YouareFBI =

(import == "FBI")

&& (second % 2 == 1)

&& (fouth % 2 == 0 && fouth != 6)

&& (first >= 4 && first <= 7);

//to check nsa

bool YouareNSA =

(import == "NSA")

&& (fouth % 3 == 0

&& fouth % 3 == 1)

&& (30 % sixth == 0)

&& (sixth == 6 || fifth == 7 || fouth == 7 || third == 7 || second == 7 || first == 7);

bool Display = YouareCIA || YouareFBI || YouareNSA;

Console.WriteLine(Display);

}