Hint to Rev

$A0F3_{16}$

$(10\times16^3)+(0\times16^2)+(15\times16^1)+(3\times16^0)$

1234_8

$(1\times8^3)+(2\times8^2)+(3\times8^1)+(4\times8^0)$

$=668$

25_{10} binary

25%2 = 1

25/2 = 12

12%2 = 0

12/2 = 6

6%2 = 0

6/2 = 3

3%2 = 1

3/2 = 1

1%2 = 1

1/2 = 0

1234_{10} Octal

1234%8 = 2

1234/8 = 154

154%8 = 10

154/8 = 19

19%8 = 3

19/8 = 2

2%8 = 2

2/8 = 0

2322

174 to decimal

174%10 = 4

174/10 = 17

17%10 = 7

17/10 = 1

1%10 = 1

1/10 = 0

174

1001 $(1\times2^3)+(0\times2^2)+(0\times2^1)+(1\times2^0)$ = 9

11001

32700 to base 16

32700 % 16 = 12 (C)

32700 / 16 = 2043

2043 % 16 = [redacted] (B)

2043 / 16 = 127

127 % 16 = 15 (F)

127 / 16 = 7

7 % 16 = 7

7 / 16 = 0

7FBC

```
int count = 0;
for(int i=0; i<secret.length(); i++)
{
if(
```

```
int count = 0;
int numThis;
for(int i=0; i< secret.length(); i++)
{
if(secret.substring(i).indexOf(guess) == 0)
{
count++;
}
}
numThis = Integer.parseInt(guess.trim())
```