

AUTHOR: MARK E. HAASE

Hints ?

1	2
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You will also need to know the difference between octal, decimal, and hexadecimal numbers.

```

class VaultDoor4 {
    public static void main(String args[]) {
        VaultDoor4 vaultDoor = new VaultDoor4();
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter vault password: ");
        String userInput = scanner.next();
        String input = userInput.substring("picoCTF{".length(),userInput.length()-1);
        if (vaultDoor.checkPassword(input)) {
            System.out.println("Access granted.");
        } else {
            System.out.println("Access denied!");
        }
    }

    // I made myself dizzy converting all of these numbers into different bases,
    // so I just *know* that this vault will be impenetrable. This will make Dr.
    // Evil like me better than all of the other minions--especially Minion
    // #5620--I just know it!
    //
    // .:.:. .:.:.
    // :.:.:.:.:.:.
    // :.:.:.:.:.:.
    // ':.:.:.:.:.:'
    // ':.:.:.:.:.:'
    // ':.:.:.:'
    // ':.:'
    // -Minion #7781
    public boolean checkPassword(String password) {
        byte[] passBytes = password.getBytes();
        byte[] myBytes = {
            106 , 85 , 53 , 116 , 95 , 52 , 95 , 98 ,
            0x55, 0x6e, 0x43, 0x68, 0x5f, 0x30, 0x66, 0x5f,
            0142, 0131, 0164, 063 , 0163, 0137, 066 , 064 ,
            'e' , '1' , '3' , 'd' , '0' , '0' , 'b' , '2' ,
        };
        for (int i=0; i<32; i++) {
            if (passBytes[i] != myBytes[i]) {
                return false;
            }
        }
        return true;
    }
}

```

Decode isi dari tiap baris mybytes seperti berikut.

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Operations 463

- from De
- From Decimal
- From Morse Code
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- From Punycode
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- Favourites
- Data format
- Encryption / Encoding
- Public Key
- Arithmetic / Logic
- Networking
- Language
- Utils
- Date / Time
- Extractors
- Compression
- Hashing
- Code tidy
- Forensics
- Multimedia

Recipe

From Decimal

Delimiter: Space ☐ Support signed values

Input

106 85 53 116 95 52 95 98

Output

just_4_b

STEP Auto Bake

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Operations 463

- from hex
- From Hex
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- Compression
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- Code tidy
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- Multimedia
- Other
- Flow control

Recipe

From Hex

Delimiter: Auto

Input

0x55, 0x6e, 0x43, 0x68, 0x5f, 0x30, 0x66, 0x5f

Output

UnCh_0f

STEP Auto Bake

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- Other
- Flow control

Recipe

From Octal

Delimiter
Space

Input

0142 0131 0164 063 0163 0137 066 064

Output

bYt3s_64

STEP **BAKE!** Auto Bake

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- Public Key
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- Extractors

Recipe

Input

e13d00b2

Output

e13d00b2

STEP **BAKE!** Auto Bake

Flag tinggal disambung saja.