

day19 ABAB

Due Monday 10/2/23

Write a program that prints the numbers from 31 to 132 in six columns using a for loop. But for multiples of seven print "A" instead of the number and for the multiples of six print "B". For numbers which are multiples of both seven and six print "AB". Print a tab between each item.

In Python when you want to do an if statement with two parts, you can use the keyword "and" like this:

```
if x % 7 == 0 and x % 6 == 0:
```

The above line checks if x is divisible by 7 and 6 using the modulo function (%). You will need this to get your program done.

Requirements:

- Put your name in a comment at the top of your program.
- Name your program day19.
- Go through all of the numbers from 31 to 132 inclusive using a for loop.
- Print a tab between each number (that's "\t" if you didn't remember.)
- You will use the % command and one or more if/elif/else statements.
- Print out the information in six columns as shown below.

Sample output:

```
31 32 33 34 A B
37 38 39 40 41 AB
43 44 45 46 47 B
A 50 51 52 53 B
55 A 57 58 59 B
61 62 A 64 65 B
67 68 69 A 71 B
73 74 75 76 A B
79 80 81 82 83 AB
85 86 87 88 89 B
A 92 93 94 95 B
97 A 99 100 101 B
103 104 A 106 107 B
109 110 111 A 113 B
115 116 117 118 A B
121 122 123 124 125 AB
127 128 129 130 131 B
```

If you are stuck, watch the help video which will post after 3:10.