PEC-CS393 Python Lab

Assignment 2

1. Write a Python Program to Find the Smallest Divisor of an Integer other than 1.
2. Write a Python Program to Check whether a Number is a Palindrome or not.
3. Write a Python Program to print the Prime Factors of an Integer.
4. Print the following pattern

1

2 1

4 2 1

8 4 2 1

16 8 4 2 1

32 16 8 4 2 1

64 32 16 8 4 2 1

1. Print the following Pattern

\* \* \* \* \* \*

\* \*

\* \*

\* \*

\* \*

\* \* \* \* \* \*

6. The set of input is given as ages. Then print the status according to the rules

Age Status

* 1. in born

2-10 child

11-17 young

18-49 adult

50-79 old

>80 very old

7. Convert a decimal number to a number of a given base b.