

Project: The Constellation

Write a Python Program using the Turtle Module and draw the constellation pattern associated with your Zodiac Sign.

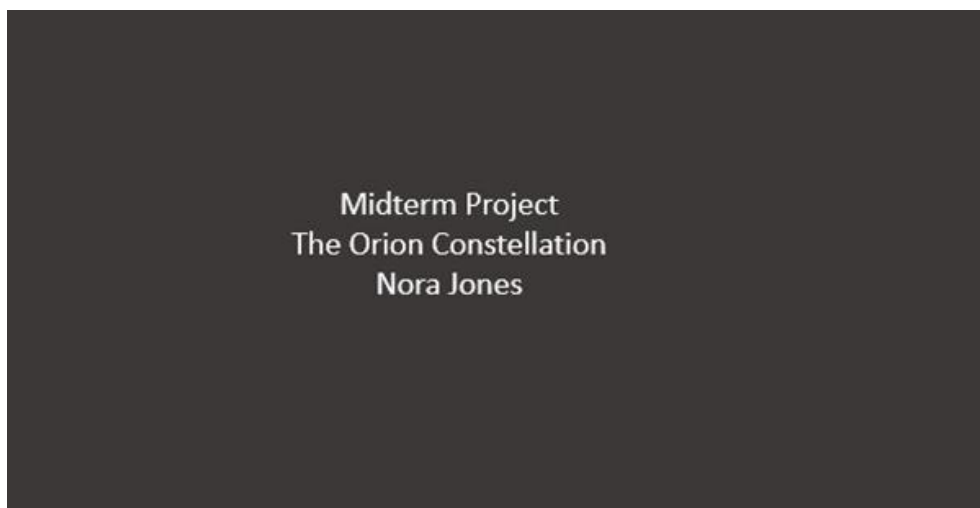
Zodiac Sign

Zodiac Sign	Dates of Birth	Symbol
Aries	March 21 st – April 19 th	The Ram
Taurus	April 20 th – May 20 th	The Bull
Gemini	May 21 st – June 20 th	The Twins
Cancer	June 21 st – July 22 nd	The Crab
Leo	July 23 rd – August 22 nd	The Lion
Virgo	August 23 rd – September 22 nd	The Virgin
Libra	September 23 rd – October 22 nd	The Scales
Scorpio	October 23 rd – November 21 st	The Scorpion
Sagittarius	November 22 nd – December 21 st	The Archer
Capricorn	December 22 nd – January 19 th	The Goat
Aquarius	January 20 th – February 18 th	The Water Bearer
Pisces	February 19 th – March 20 th	The Fishes

PROGRAM TYPE: BASIC

When the program runs it should display

1. A Splash Page



The page :

- Display in a full size window
- Display: Name of Constellation and your name
- Stays for 20 seconds
- Display page 2

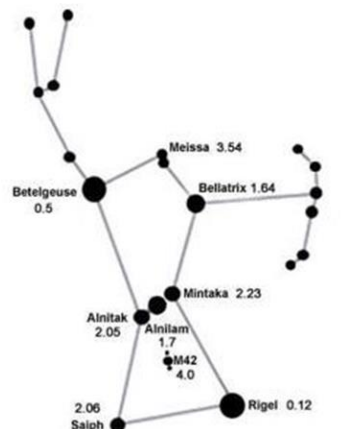
2. Page 2



The page:

- Display in a full size window
- Display an image associated with your Zodiac Sign (obtained by research)
- Stays for 20 seconds
- Display page 3

3. Page 3



The page:

- Display in a full window size
- Display the pattern you created with Python illustrating your Zodiac Pattern
- The main stars in the constellation should be shown and labeled
- Connect stars with lines
- Display for 30 seconds.

PROGRAM TYPE: UPGRADE

Add a 4th page



The page

- Display in a full window size
- Starts with a night background
- After 10 seconds, the stars appear one by one illuminated
- Then the names of the stars are displayed
- Then the connecting lines appear one by one
- The page stays for 30 seconds