

# HANGMAN PROJECT

TEAM-4

SVECW

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Figure: Hangman image

# Team Members

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# Abstract

Hangman is a game for two or more players, one is secret writer and other is guesser. secret writer thinks of a word and the other tries to guess it by suggesting the letters. The word to guess is represented by a row of dashes, giving the number of letters. secret writer draws hangman for every incorrect letter, if the guesser guesses the word in less than six chances he wins otherwise secret writer wins.

# Approach

## 1 LANGUAGE

- Python

## 2 TOOLS

- Pycharm

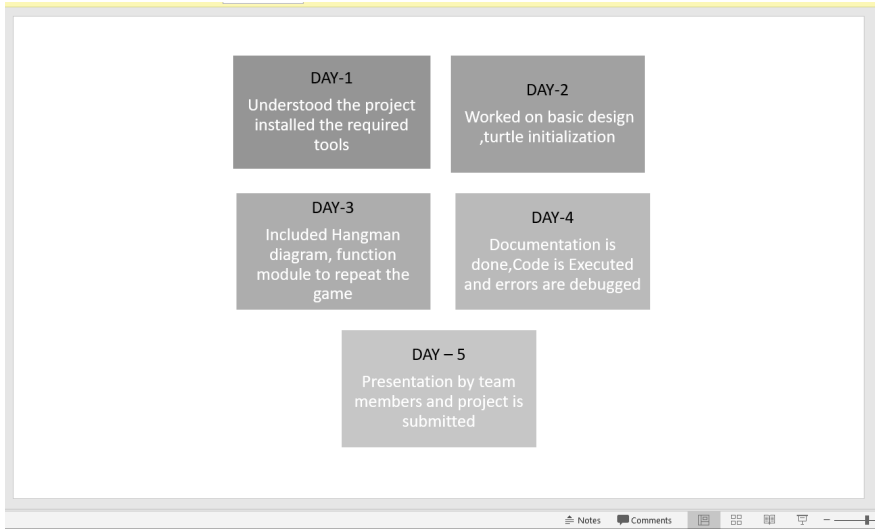
## 3 MODULE

- turtle
- random
- time

# Learnings

- We have known about modules like random,turtle,time.
- We practically acquired knowledge on how to make presentations in the latex beamer.
- We known about software application called gitlab where we created new project,new group and uploaded files

# Work flow



# Day To Day Works

## 1 DAY - 1

- We Understood the Description of the project and acknowledged the game through some Websites.
- We installed the tools that are required for the execution of project.



## 1 DAY -2

- We Completed the basic design like importing the modules(turtle,random,time).
- We initialized the turtle module and drawn the basic hangman diagram.



## 1 DAY -3

- We completed draw Man function module of the project and included all the hangman diagrams.
- We designed a function module to repeat the game again.

## 1 DAY -4

- Documentation is done for the project
- Code is executed and the debugging of bugs are done.

## 1 DAY -5

- Presentation is given by all the team members of the project.
- Project is Submitted.

```

in.py
import turtle
import random
import time

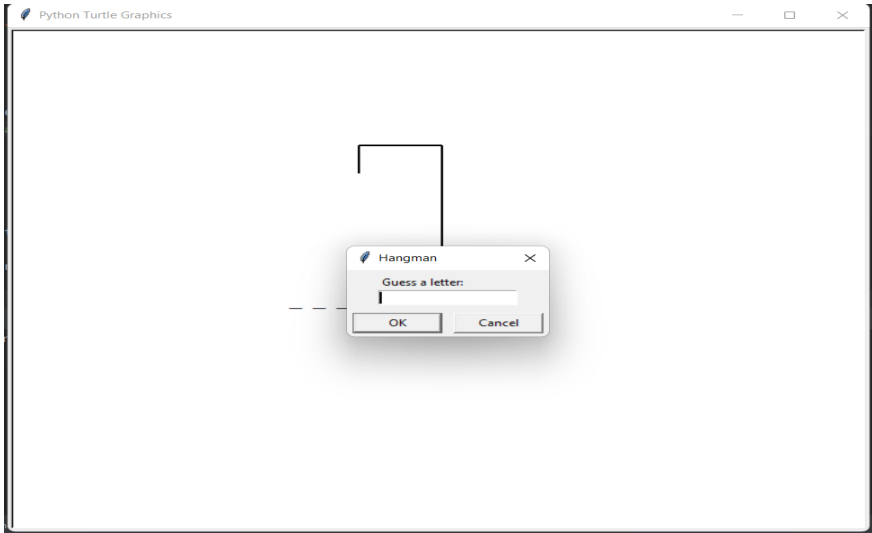
turtle.hideturtle()
turtle.speed(0)
turtle.pensize(2)

wordbank = ['engineering','bhimavaram','btech','vishnu','women',
            'college','degree','hangman','project','wise','group','google',
            'spontaneous','python','pycharm','game','advanced','expertise']

bored = False
while not bored:
    # draw gallows
    turtle.home()
    turtle.pendown()
    turtle.left(90)
    turtle.forward(175)
    turtle.left(90)
    turtle.forward(74)
    turtle.left(90)
    turtle.forward(35)
    turtle.penup()
    turtle.goto(-135,-35)

    word = random.choice(wordbank)
    for i in word:
        turtle.write('_', True, font=("Courier", 14, "normal"))

```



# Challenges

- We initially designed the project using CUI,so that we didn't get output graphically in the new window.
- We faced difficulty in the output window as output display and exit are fast.

# Rectifications

- To display graphically we used GUI to build the project
- We imported time module and used sleep function in that to suspend or pause the execution for some time.

# Statistics

- Number of lines of code = 140
- Number of functions = 16



# THANKYOU