PARSHVANATH CHARITABLE TRUST'S

A.P. SHAH INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering

Data Science

Title of your Project

Cycle moving on road

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Project Guide

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1. Introduction

- Computer graphics are graphics created using computers and, more generally, there presentation and manipulation of image data by a computer.
- This program displays a moving cycle animation in Turbo C.
- It uses moves in forward direction by translation in the X direction.

2. Objectives

- To convert a static image into an moving animation using graphics.h in Turbo C.
- To demonstrate use of various functions in Turbo C.

3. Built in functions used

1. line(): Predefined function to draw a line from a point (x_1,y_1) to (x_2,y_2).

   Syntax: void line(int x1, int x2 , int y1 , int y2);

2. circle(): Predefined function to draw a circle with centre (x,y) and radius of the circle.

   Syntax: void circle(int x , int y , int radius);

3. rectangle(): Predefined function to draw a rectangle with co-ordinates of four vertices of rectangle.

   Syntax: rectangle(int left, int top, int right, int bottom);

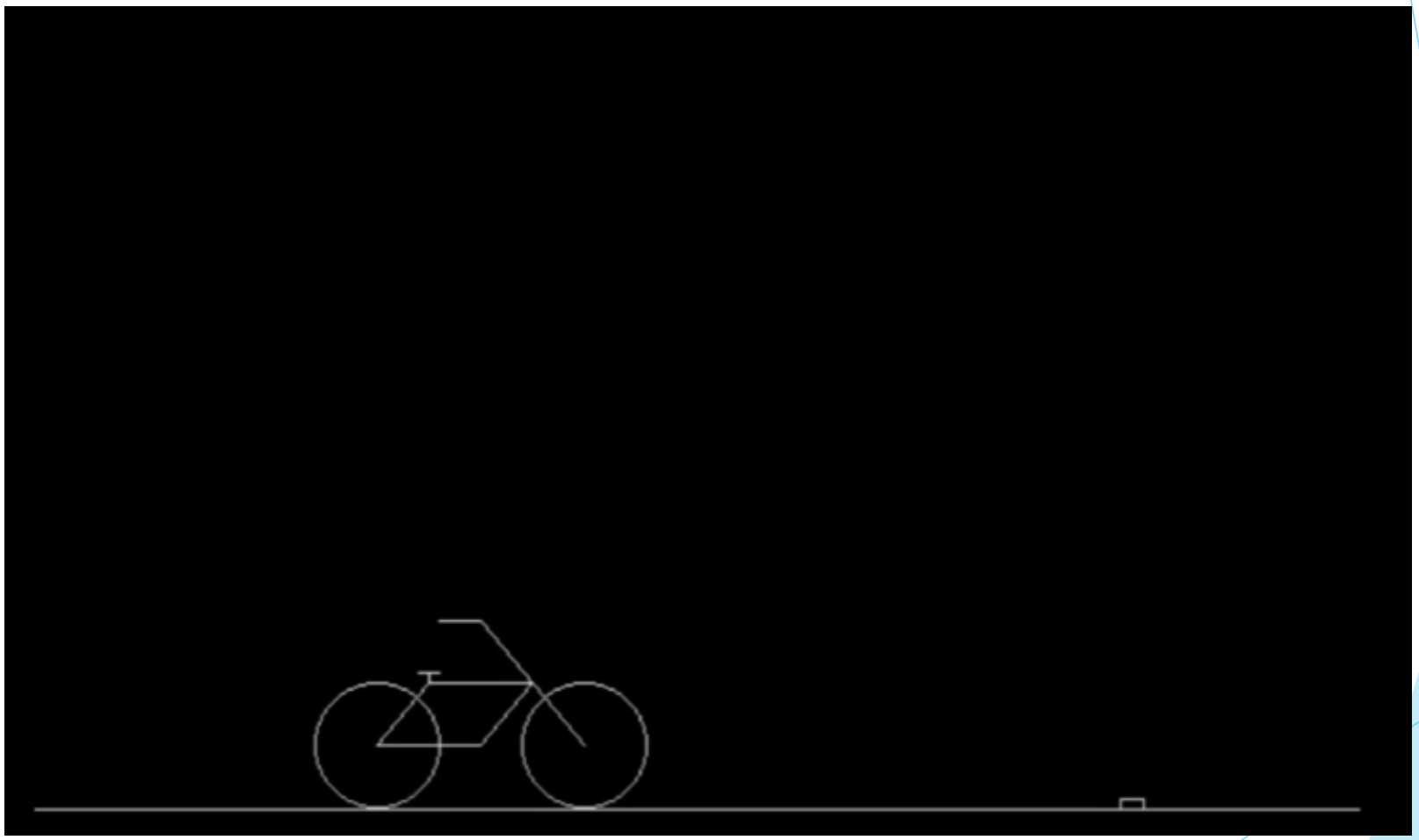
4. clrscr(): This function is used to clear the previous output from the console.

5. delay(): delay function is used to suspend execution of a program for a particular time.

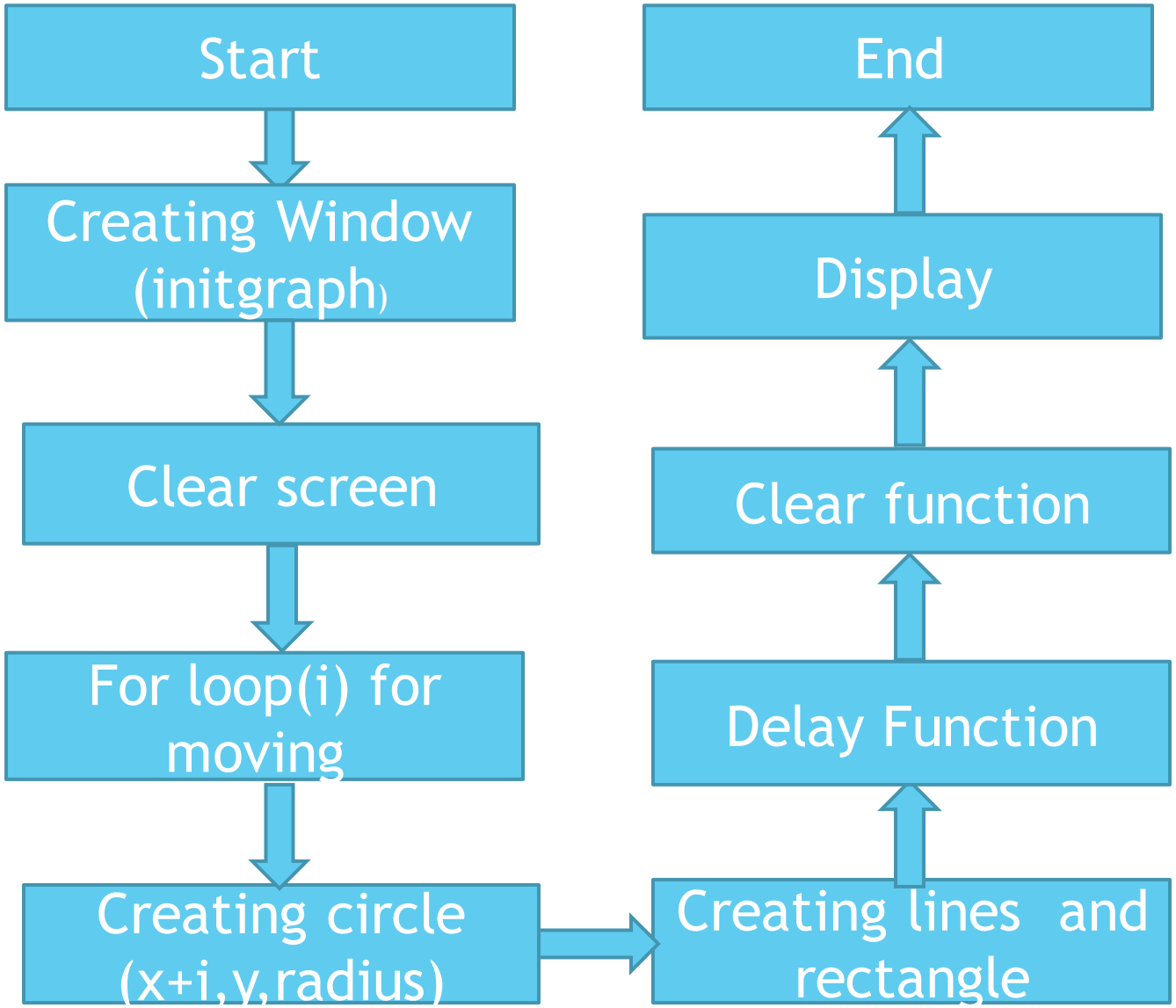
4. Feature

- *The cycle can be translated as per the user inputs.*
- *The speed of cycle can also be varied.*

5. Output of Project



6. Block Diagram/ Flow diagram



Thank You...!!