Submitted BY:

- Eavanshi Arora
- -201501115

To compile the code simply type 'make' on terminal in the GLFW folder and it will make a executable named Sample2D, which can then be executed by typing ./Sample2D smash.mp3

ABOUT THE GAME:

- --> The Player has 3 lives to play the game, which are displayed on top left corner of screen as diamonds. The game ends after the player uses all three lives.
- --> SOUND is played when laser gets out of the canon.
- --> SCORE Is Displayed on top right corner using 7 Segment Display.
- --> LEVEL UP after a score of multiple of 100 (speed of bricks increases)
- --> Shooting the Star with the laser will fetch an extra 50 points.

CONTROLS:

- * CANON -> TILT-UP = A (or click on the desired location on the screen)
 - -> TILT-DOWN = D (or click on the desired location on the screen)
 - -> MOVE-UP = S (or Click and Drag)
 - -> MOVE->DOWN = F (or Click and Drag)
- * SPEED \rightarrow UP = M
 - \rightarrow DOWN = N

(within the permissible limits)

- * BASKETS -> BASKET1 LEFT = CNTRL + LEFT (or Click and Drag)
 - -> BASKET1 RIGHT = CNTRL + RIGHT (or Click and Drag)
 - -> BASKET2 LEFT =ALT + LEFT (or Click and Drag)
 - -> BASKET2 RIGHT = ALT + RIGHT (or Click and Drag)
- * SHOOT LASER -> SPACE
- * ZOOM -> UP/DOWN ARROW KEYS (or Scroll Up/Down)
- * PANNING -> LEFT/RIGHT ARROW KEYS (Or RIght Click and Drag within the permissible limits of screen)

SCORE:

```
(Always Positive)
```

```
* SHOOT: -> Black = Life-1
```

-> Star = +50

 \rightarrow Any other = +20

* COLLECT: -> Black = Life-1

 \rightarrow Red = By Red Basket +10

= By Blue Basket -1

 \rightarrow Blue = By Blue Basket +10

= By Red Basket -1