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CMPSC-260-02-2024S
SpTp: IOT

LAB – 06:

CODE:

```
#include "TFT_eSPI.h" //include TFT LCD library

TFT_eSPI tft;

void setup() {
  tft.begin(); //start TFT LCD
  tft.setRotation(3);
  tft.fillScreen(TFT_BLACK);

  tft.drawRect(50,100,250,100,TFT_BLACK);
  tft.fillRect(50,100,250,100,TFT_DARKGREEN);
  tft.drawCircle(100,150,20,TFT_BLACK); //draw circle with border
  tft.fillCircle(100,150,20,TFT_RED);
  tft.drawCircle(255,150,20,TFT_BLACK); //draw circle with border
  tft.fillCircle(255,150,20,TFT_RED);
  tft.drawRect(165,132,30,70,TFT_BLACK);
  tft.fillRect(165,132,30,70,TFT_RED);
  tft.drawTriangle(50,100,300,100,160,20,TFT_BLACK);
  tft.fillTriangle(50,100,300,100,160,20,TFT_RED);
  tft.setTextColor(TFT_RED);
  tft.setTextSize(3);
  tft.drawString("My House!",40,210);
}

void loop() {
}

int myFunction(int x, int y) {
  return x + y;
}
```

