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/*
 * This program is for Interfacing Push Button with Arduino
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 * Designed by: Team UTD - Hubli
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 *
 * Connect VCC of Arduino to one end of push button (i.e Pin 1)
 * Connect 1KOhm resistor between GND of arduino and other end of Push
Button (i.e Pin 2)
 * Connect Digital Pin 6 of Arduino to Push Button Pin 2
 *
 *
 * Upload this code and check output in Serial Monitor
 *
 */

#define pushButton 6    // Digital pin 6 used for Push button interface

void setup()
{
    pinMode(pushButton, INPUT);    //Digital Pin 6 made as input
    Serial.begin(9600);            //set the baud rate to 9600 to start
Serial Monitor
    Serial.println("Push Button interfacing with Arduino");    //printing
the message
}

void loop()
{
    bool buttonState = digitalRead(pushButton);    //reading the status
of d6 pin
    if(buttonState == LOW)    //if d6 is high then
enter if loop
    {
        Serial.println("Button Pressed");    //if pin status is high
then button pressed will be printed
    }
    delay(150);    //delay of 50ms
}

```