Arduino Code from Group 406

buttonTest.ino

```
const int btnStateLength = 6;

int delayTime = 20;


int digitalPin[] ={2,3,4,5,6,7};

int btnState[btnStateLength];


String commands[] = {"W","S","A","D","O","x"};


void setup() {
  // put your setup code here, to run once:
pinMode(digitalPin,INPUT);

Serial.begin(9600);

}
void loop() {
  for(int i =0; i<btnStateLength;i++)
  {
    btnState[i] = digitalRead(digitalPin[i]);
  }


  for(int i =0; i<btnStateLength;i++)
  {
    if(btnState[i] == HIGH)
    {
      Serial.println(commands[i]);

      Serial.flush();

      delay(delayTime);
    }
```

```
    }

}
```