

PROJECT DEVELOPMENT PHASE

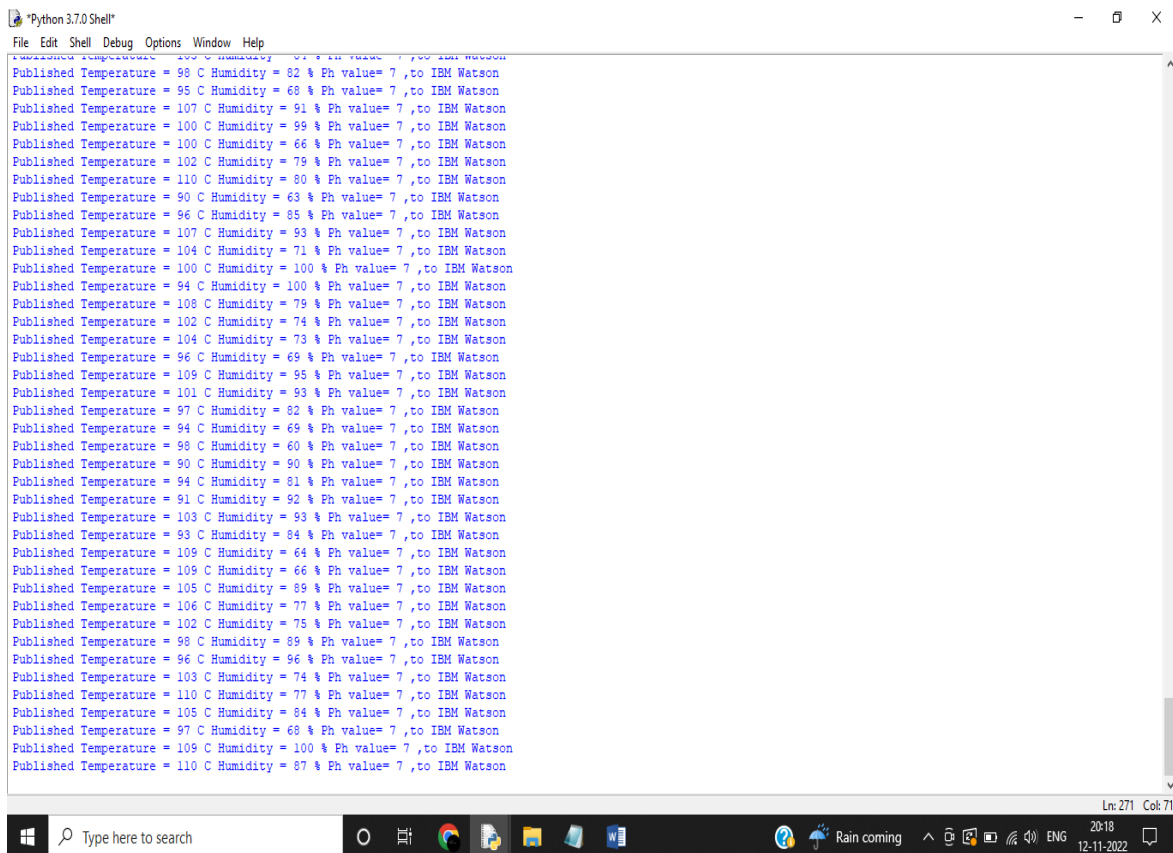
PROJECT DEVELOPMENT DELIVERY OF SPRINT 4

Date	12 November 2022
Team ID	PNT2022TMID34542
Project Name	Real-Time River Water Quality Monitoring and Control System
Marks	

SPRINT DESCRIPTION:

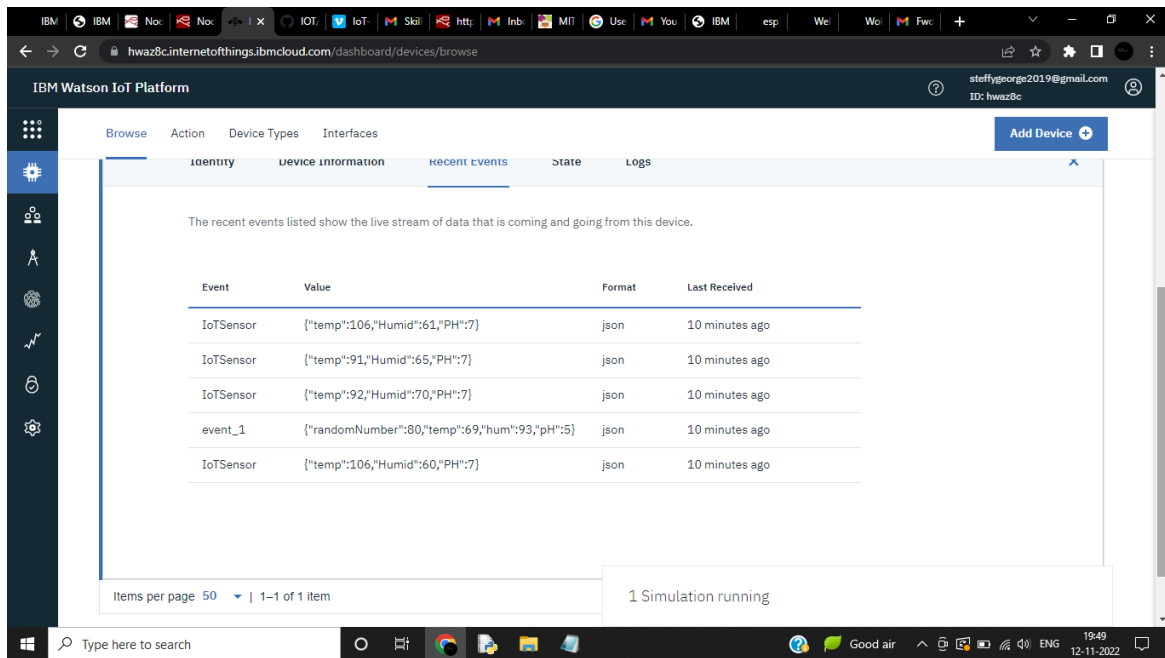
In this sprint, we are about to describe about the application we have developed and the Final Testing of the Python code.

PYTHON EXECUTED OUTPUT:



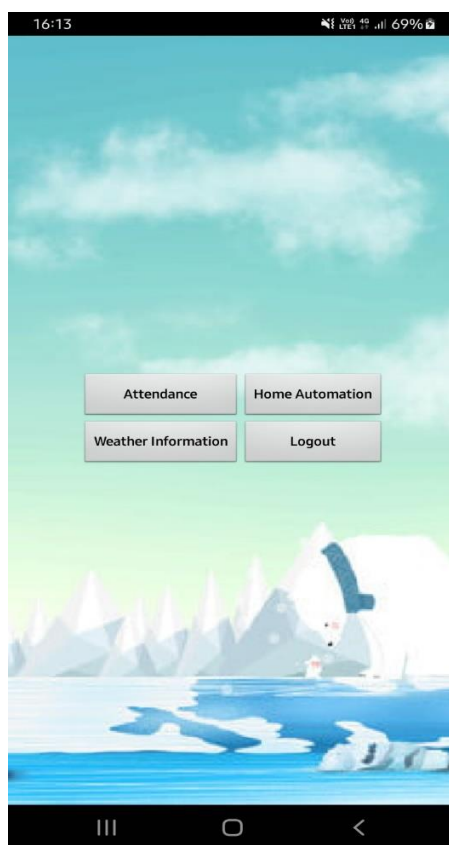
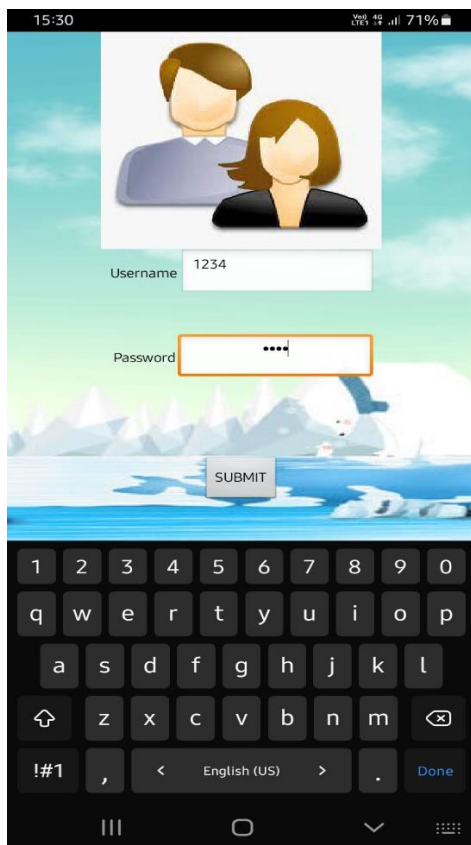
```
*Python 3.7.0 Shell*
File Edit Shell Debug Options Window Help
Published Temperature = 98 C Humidity = 82 % Ph value= 7 ,to IBM Watson
Published Temperature = 95 C Humidity = 68 % Ph value= 7 ,to IBM Watson
Published Temperature = 107 C Humidity = 91 % Ph value= 7 ,to IBM Watson
Published Temperature = 100 C Humidity = 99 % Ph value= 7 ,to IBM Watson
Published Temperature = 100 C Humidity = 66 % Ph value= 7 ,to IBM Watson
Published Temperature = 102 C Humidity = 79 % Ph value= 7 ,to IBM Watson
Published Temperature = 110 C Humidity = 80 % Ph value= 7 ,to IBM Watson
Published Temperature = 90 C Humidity = 63 % Ph value= 7 ,to IBM Watson
Published Temperature = 96 C Humidity = 85 % Ph value= 7 ,to IBM Watson
Published Temperature = 107 C Humidity = 93 % Ph value= 7 ,to IBM Watson
Published Temperature = 104 C Humidity = 71 % Ph value= 7 ,to IBM Watson
Published Temperature = 100 C Humidity = 100 % Ph value= 7 ,to IBM Watson
Published Temperature = 94 C Humidity = 100 % Ph value= 7 ,to IBM Watson
Published Temperature = 108 C Humidity = 79 % Ph value= 7 ,to IBM Watson
Published Temperature = 102 C Humidity = 74 % Ph value= 7 ,to IBM Watson
Published Temperature = 104 C Humidity = 73 % Ph value= 7 ,to IBM Watson
Published Temperature = 96 C Humidity = 69 % Ph value= 7 ,to IBM Watson
Published Temperature = 109 C Humidity = 95 % Ph value= 7 ,to IBM Watson
Published Temperature = 101 C Humidity = 93 % Ph value= 7 ,to IBM Watson
Published Temperature = 97 C Humidity = 82 % Ph value= 7 ,to IBM Watson
Published Temperature = 94 C Humidity = 69 % Ph value= 7 ,to IBM Watson
Published Temperature = 98 C Humidity = 60 % Ph value= 7 ,to IBM Watson
Published Temperature = 90 C Humidity = 90 % Ph value= 7 ,to IBM Watson
Published Temperature = 94 C Humidity = 81 % Ph value= 7 ,to IBM Watson
Published Temperature = 91 C Humidity = 92 % Ph value= 7 ,to IBM Watson
Published Temperature = 103 C Humidity = 93 % Ph value= 7 ,to IBM Watson
Published Temperature = 93 C Humidity = 84 % Ph value= 7 ,to IBM Watson
Published Temperature = 109 C Humidity = 64 % Ph value= 7 ,to IBM Watson
Published Temperature = 109 C Humidity = 66 % Ph value= 7 ,to IBM Watson
Published Temperature = 105 C Humidity = 89 % Ph value= 7 ,to IBM Watson
Published Temperature = 106 C Humidity = 77 % Ph value= 7 ,to IBM Watson
Published Temperature = 102 C Humidity = 75 % Ph value= 7 ,to IBM Watson
Published Temperature = 98 C Humidity = 89 % Ph value= 7 ,to IBM Watson
Published Temperature = 96 C Humidity = 96 % Ph value= 7 ,to IBM Watson
Published Temperature = 103 C Humidity = 74 % Ph value= 7 ,to IBM Watson
Published Temperature = 110 C Humidity = 77 % Ph value= 7 ,to IBM Watson
Published Temperature = 105 C Humidity = 84 % Ph value= 7 ,to IBM Watson
Published Temperature = 97 C Humidity = 68 % Ph value= 7 ,to IBM Watson
Published Temperature = 109 C Humidity = 100 % Ph value= 7 ,to IBM Watson
Published Temperature = 110 C Humidity = 87 % Ph value= 7 ,to IBM Watson
Ln: 271 Col: 71
Type here to search
Rain coming
ENG
20:18
12-11-2022
```

We have successfully developed the python code and executed it. The code runs with the temperature, humidity and pH value also displayed in the IBM IoT platform.

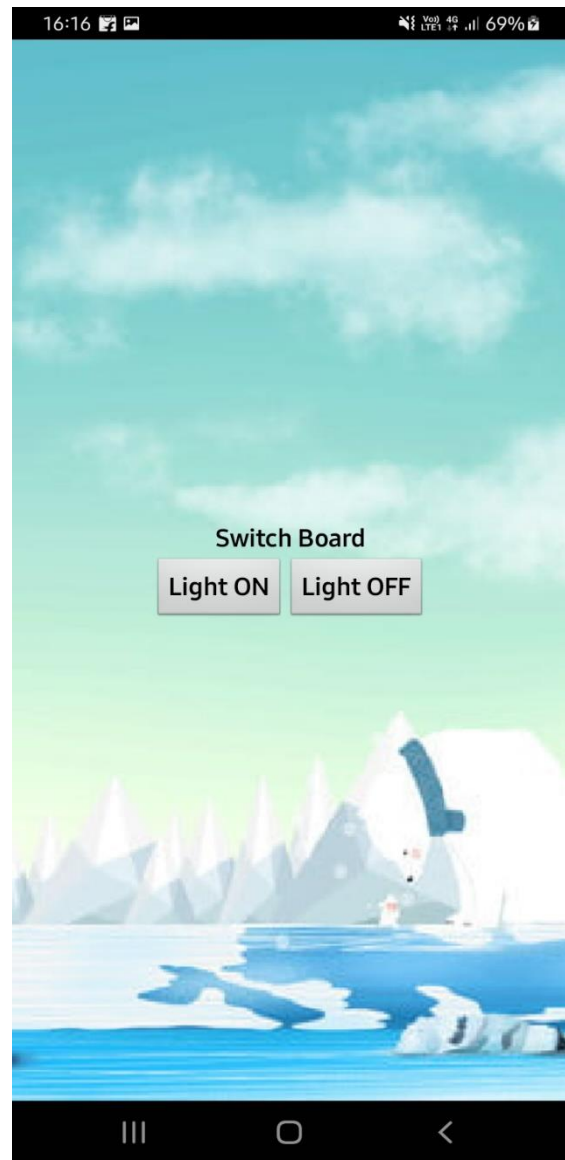


APPLICATION SCREENS:

Here we displayed Screen 1 and screen 2 pages of our created application.

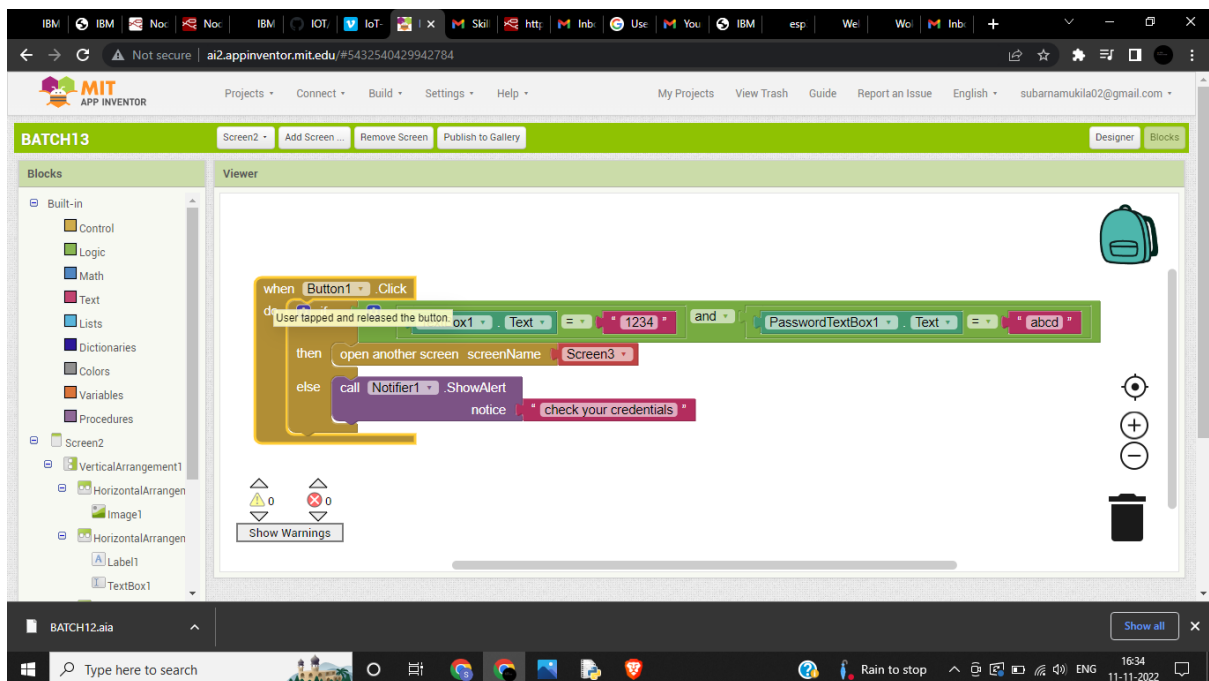
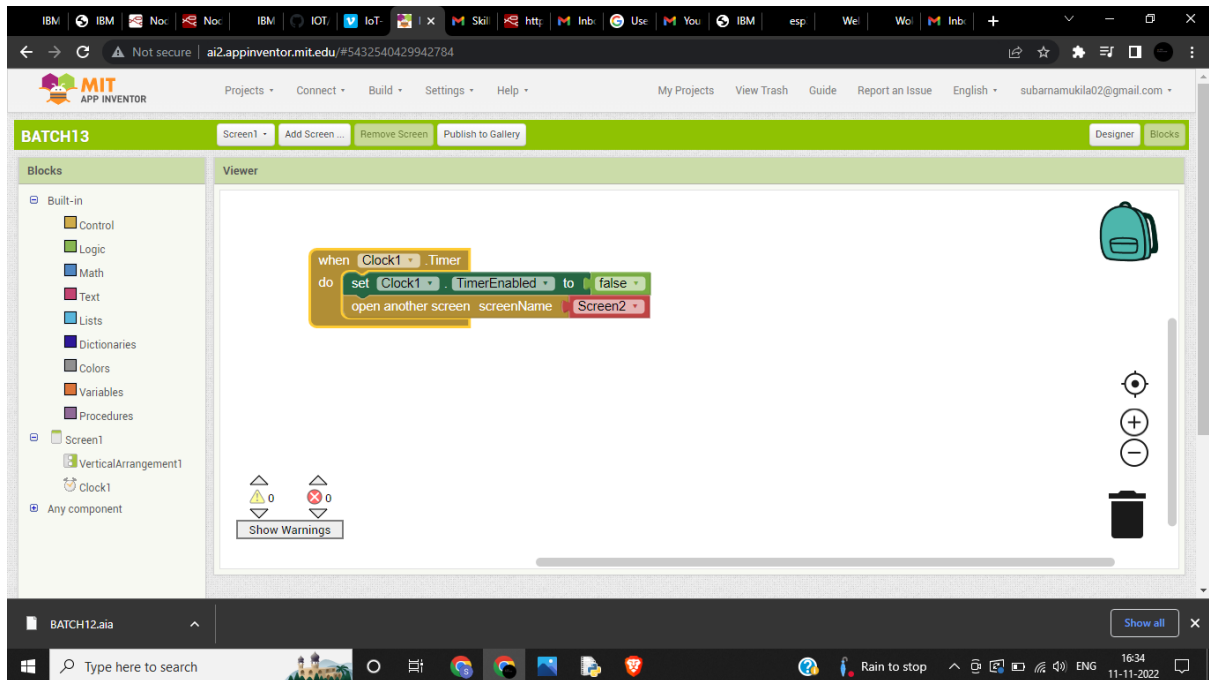


Here we displayed Screen 3 and Screen 4 of our created application.

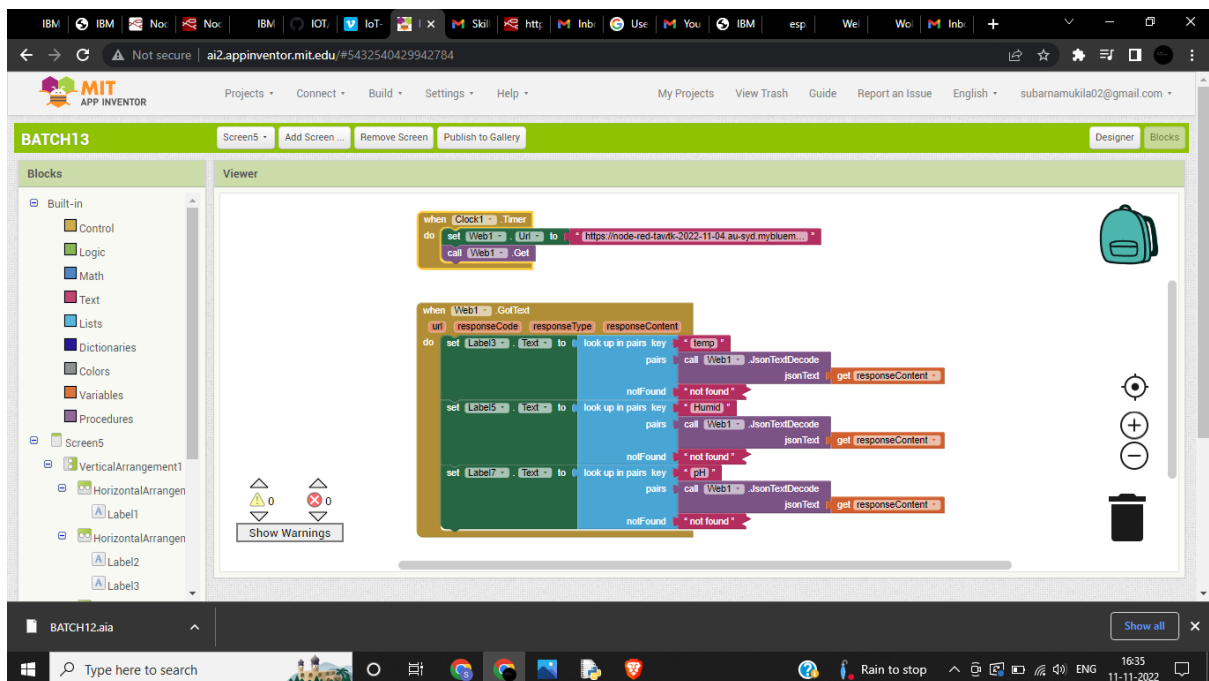
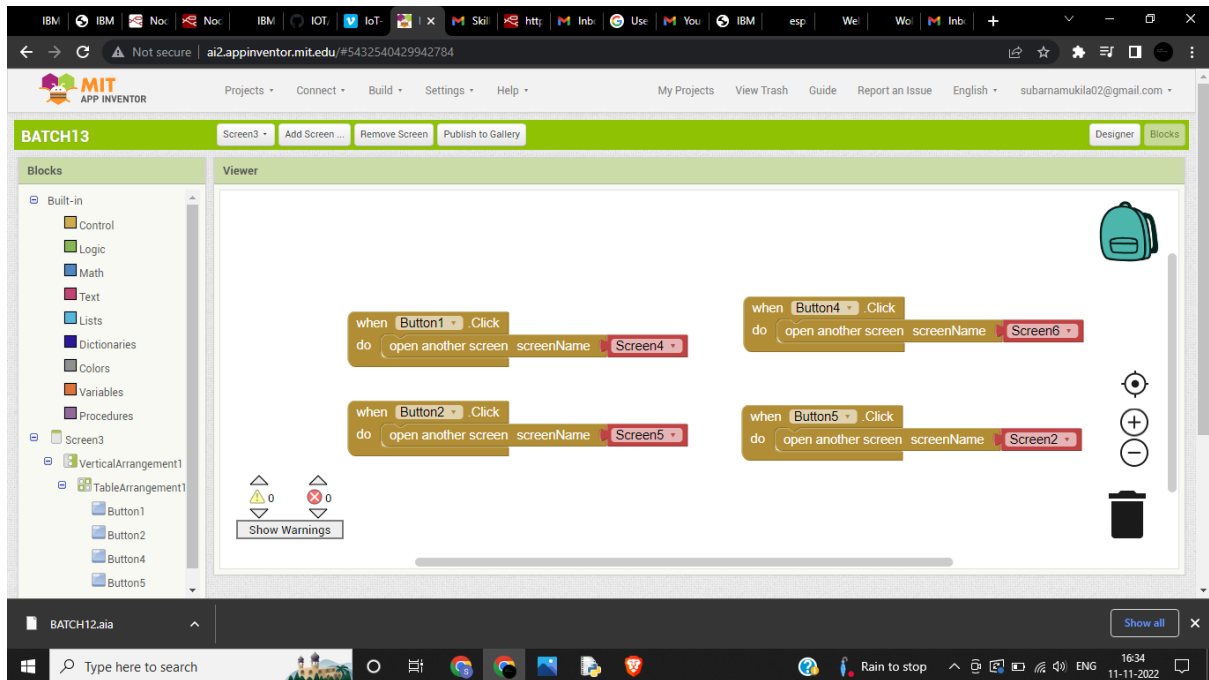


BLOCKS FUNCTIONS USED IN OUR APPLICATION

SCREEN 1 & SCREEN 2



SCREEN 3 & SCREEN 4



SCREEN 5

