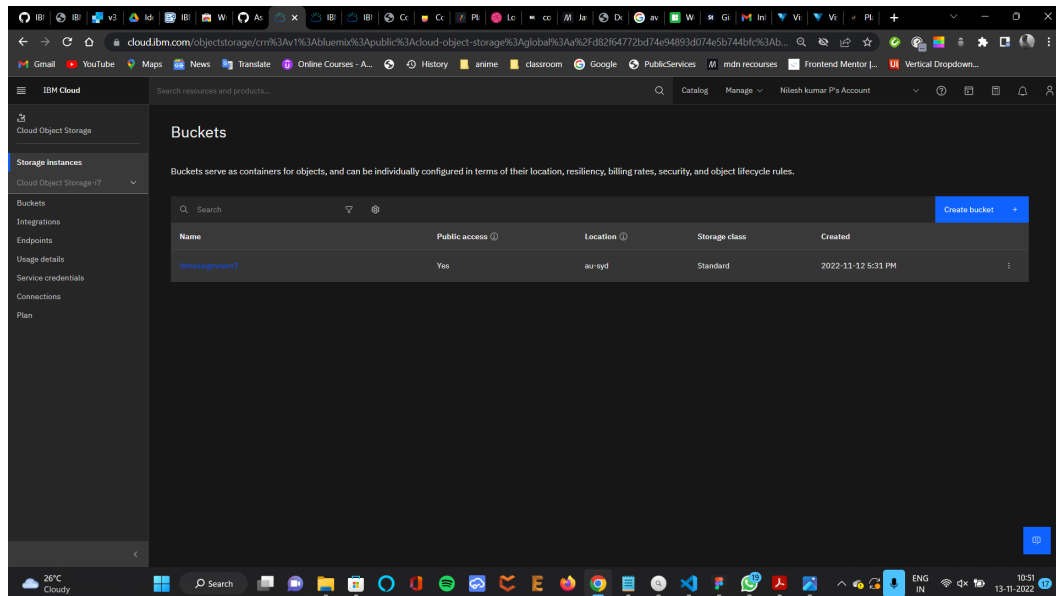


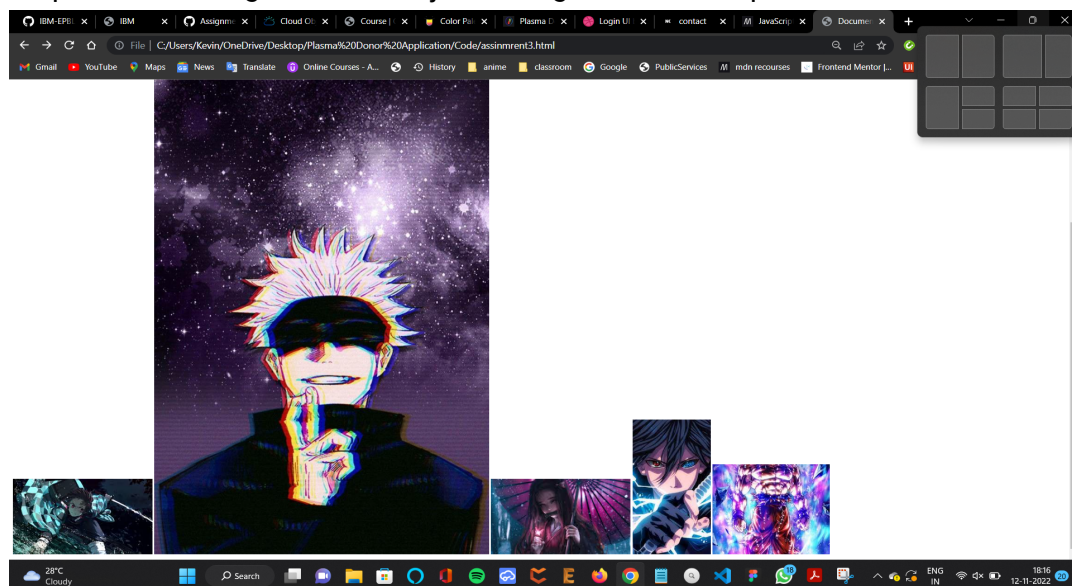
Assignment-3

Date	19 October 2022
Team ID	PNT2022TMID54477
Project Name	Project - Plasma Donor Application
Maximum Mark	4 Marks
Name	Nilesh Kumar P

1.Create a Bucket in IBM object storage.

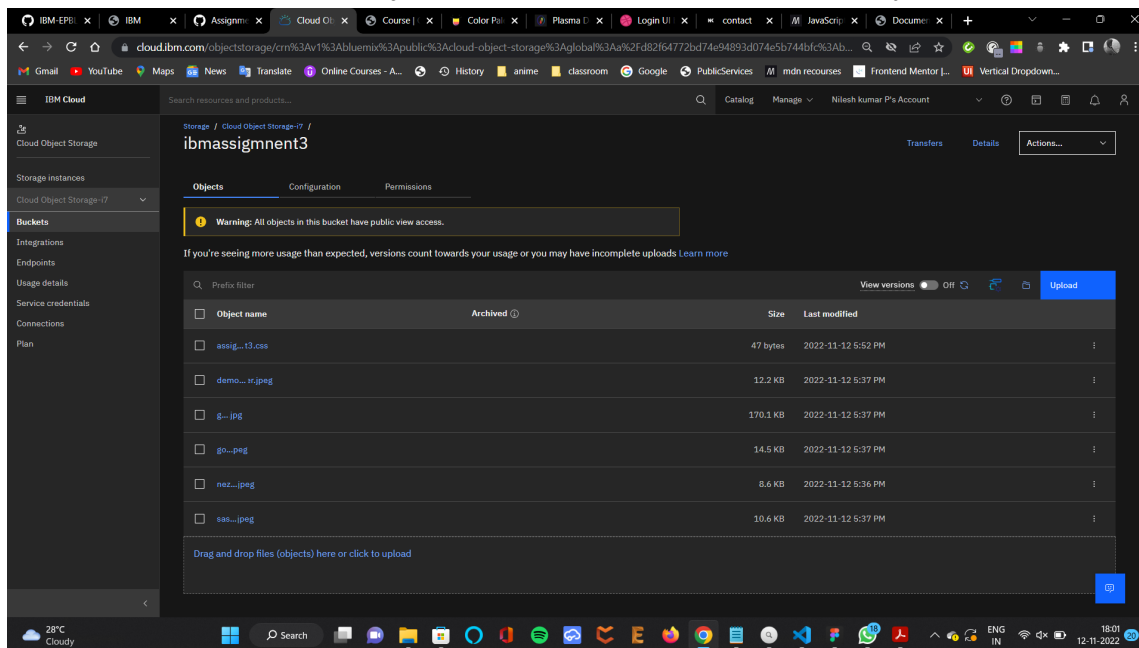


2.Upload an 5 images to IBM object storage and make it public. write html



```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta http-equiv="X-UA-Compatible" content="IE=edge" />
6     <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
7     <title>Document</title>
8   </head>
9   <body>
10    
14    
18    
22    
26    
30  </body>
31 </html>
```

3.Upload a css page to the object storage and use the same page in your HTML code.

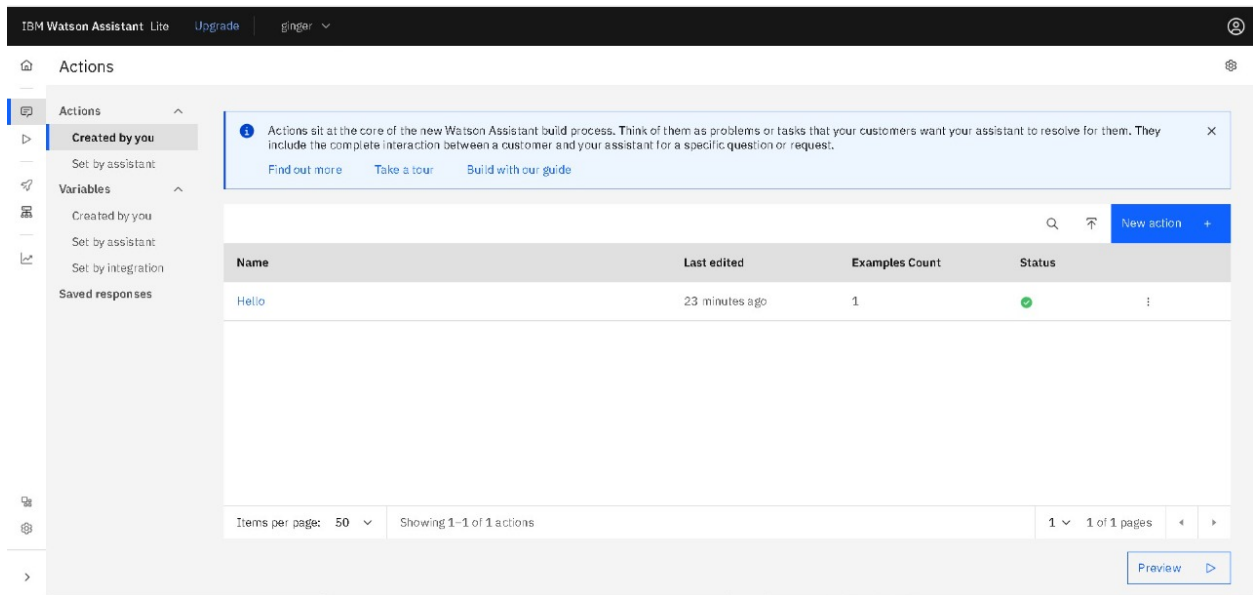
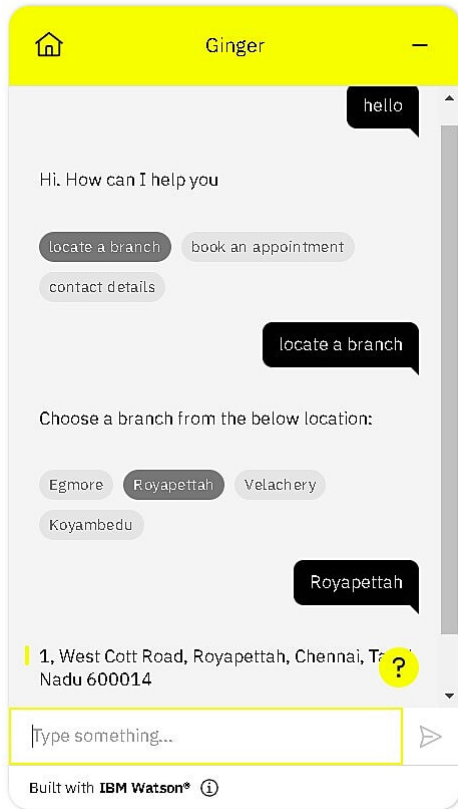


```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta http-equiv="X-UA-Compatible" content="IE=edge" />
6     <meta name="viewport" content="width=device-width, initial-
7       scale=1.0" />
8     <title>Document</title>
9     <link
10       rel="stylesheet"
11       href="https://ibmassignment3.s3.au-syd.cloud-object-
12         storage.appdomain.cloud/assignment3.css"
13     />
14   </head>
15   <body>
16     
20   </body>
21 </html>
```

```
16     alt="demonlayer"
17   />
18   
22   
26   
30   
34 </body>
35 </html>
```

- 4.Design a chatbot using IBM Watson assistant for hospital. Ex: User comes with query to know the branches for that hospital in your city. Submit the web URL of that chat bot as a assignment.
- 5.Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in HTML page.

4 th and 5 th answer are answered together.



Hello

Customer starts with:
Hello

Conversation steps

1

Hi. How can I help you

locate a bran... book an app... + 1

Continue to next step

2

1 is locate a branch

Choose a branch from the below location:

Egmore Royapettah + 2

Continue to next step

3

2 is Egmore

No 77, Adithanar Rd, Pudupet, Komaleeswaranpet, Egmore, Chennai, Tamil Nadu 600002

Action complete

2 is Royapettah

New step +

Customer starts with:

Enter phrases that a customer types or says to start the conversation about a specific topic. These phrases determine the task, problem, or question your customer has.

The more phrases you enter, the better your assistant can recognize what the customer wants.

Enter phrases your customer might use to start this action Total: 1

Enter a phrase

Hello

Hello

4

2 is Royapettah

1, West Cott Road, Royapettah, Chennai, Tamil Nadu 600014

Action complete

5

2 is Velachery

7th Cross Street, Near Velachery Lake, Rajalakshmi Nagar, Velachery, Chennai, Tamil Nadu 600042

Action complete

6

2 is Koyambedu

No.106, Jawaharlal Nehru Salai Near VR Shopping Mall, Koyambedu Flyover, Anna Nagar West,...

Action complete

7

1 is book an appointment

Select a date

Date

Continue to next step

New step +

Step 4 is taken with conditions fx

Conditions 1 condition

If All of this is true:

2. Choose a branch ... is Royapettah

and Add condition +

New condition group +

Assistant says

1, West Cott Road, Royapettah, Chennai, Tamil Nadu 600014

Define customer response

Hello

Step 8 is taken with conditions

Conditions 1 condition

If All of this is true:

7. Select a date on or after 11/04/2022

and Add condition +

New condition group +

Assistant says

Select a time

User enters a time-based value

1 is contact details

name: Gomathi Shankar

New step +

Step 8 is taken with conditions

Conditions 1 condition

If All of this is true:

7. Select a date on or after 11/04/2022

and Add condition +

New condition group +

Assistant says

Select a time

User enters a time-based value

1 is contact details

name: Gomathi Shankar

New step +

```

1 sbioloadproject('insulindemo', 'm1')
2 warnSettings = warning('off',
    'SimBiology:DimAnalysisNotDone_MatlabFcn_Dimensionless');
3 mealDose = sbioselect(m1, 'Name', 'Single Meal');
4 get(mealDose)
5 configset = getconfigset(m1, 'active');
6 configset.StopTime = 7;
7 configset.TimeUnits
8 normalMealSim = sbiosimulate(m1, configset, [], mealDose);
9 diabeticVar = sbioselect(m1, 'Name', 'Type 2 diabetic')
10 diabeticMealSim = sbiosimulate(m1, configset, diabeticVar,
    mealDose);
11 outputNames = {'Plasma Glu Conc', 'Plasma Ins Conc', 'Glu Prod',
    ...
    'Glu Appear Rate', 'Glu Util', 'Ins Secr'};
12 figure;
13 for i = 1:numel(outputNames)
14     subplot(2, 3, i);
15     [tNormal, yNormal] =
        normalMealSim.selectbyname(outputNames{i});
16     [tDiabetic, yDiabetic] =

```

```

    diabeticMealSim.selectbyname(outputNames{i});
19
20     plot( tNormal      , yNormal      , '-'      , ...
21           tDiabetic   , yDiabetic   , '--'      );
22
23     % Annotate figures
24     outputParam = sbioselect(m1, 'Name', outputNames{i});
25     title(outputNames{i});
26     xlabel('time (hour)');
27     if strcmp(outputParam.Type, 'parameter')
28         ylabel(outputParam.ValueUnits);
29     else
30         ylabel(outputParam.InitialAmountUnits);
31     end
32     xlim([0 7]);
33
34     % Add legend
35     if i == 3
36         legend({'Normal', 'Diabetic'}, 'Location', 'Best');
37     end
38
39 end
40
41 configset.StopTime = 24;
42 dayDose = sbioselect(m1, 'Name', 'Daily Life');
43 normalDaySim = sbiosimulate(m1, configset, [], dayDose);
44 impairVars{1} = sbioselect(m1, 'Name', 'Low insulin sensitivity'
    ) ;
45 impairVars{2} = [impairVars{1}, ...
46                 sbioselect(m1, 'Name', 'High beta cell
    responsivity')];
47 impairVars{3} = sbioselect(m1, 'Name', 'Low beta cell
    responsivity' ) ;
48 impairVars{4} = [impairVars{3}, ...
49                 sbioselect(m1, 'Name', 'High insulin
    sensitivity' )];
50 for i = 1:4
51     impairSims(i) = sbiosimulate(m1, configset, impairVars{i},
    dayDose);
52 end

```



```

53 figure;
54 outputNames = {'Plasma Glu Conc', 'Plasma Ins Conc'};
55
56 legendLabels = {'Normal'}, ...
57     {'-Ins =\beta', '-Ins +\beta'}, ...
58     {'=Ins -\beta', '+Ins -\beta'};
59 yLimits = [80 240; 0 500];
60
61 for i = 1:numel(outputNames)
62
63     [tNormal, yNormal] = selectbyname(normalDaySim ,
        outputNames{i} );
64     [tImpair, yImpair] = selectbyname(impairSims ,
        outputNames{i} );
65
66     % Plot Normal
67     subplot(2, 3, 3*i-2 );
68     plot(tNormal, yNormal, 'b-');
69     xlim([0 24]);
70     ylim(yLimits(i,:));
71     xlabel('time (hour)');
72     legend(legendLabels{1}, 'Location', 'NorthWest');
73
74     % Plot Low Insulin
75     subplot(2, 3, 3*i-1 );
76     plot(tImpair{1}, yImpair{1}, 'g--', tImpair{2}, yImpair{2},
        'r:');
77     xlim([0 24]);
78     ylim(yLimits(i,:));
79     xlabel('time (hour)');
80     legend(legendLabels{2}, 'Location', 'NorthWest');
81     title(outputNames{i});
82
83     % Plot Low Beta
84     subplot(2, 3, 3*i );
85     plot(tImpair{3}, yImpair{3}, 'c-.', tImpair{4}, yImpair{4},
        'm-');
86     xlim([0 24]);
87     ylim(yLimits(i,:));
88     xlabel('time (hour)');

```

```
89     legend(legendLabels{3}, 'Location', 'NorthWest');  
90  
91 end
```