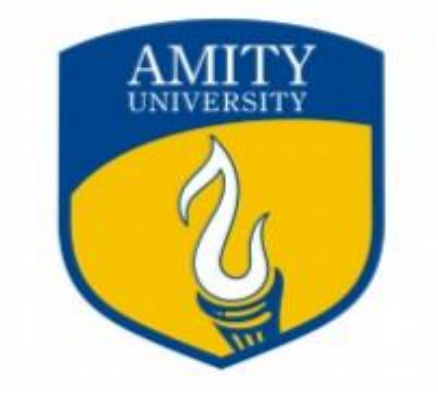
PRACTICAL FILE

Of

ES204
MATLAB OPEN ENDED



DEPARTMENT OF INFORMATION TECHNOLOGY
AMITY SCHOOL OF ENGINEERING & TECHNOLOGY
AMITY UNIVERSITY, UTTAR PRADESH

Supervisor:
Dr. Yogesh
Assistant Professor

Submitted by:
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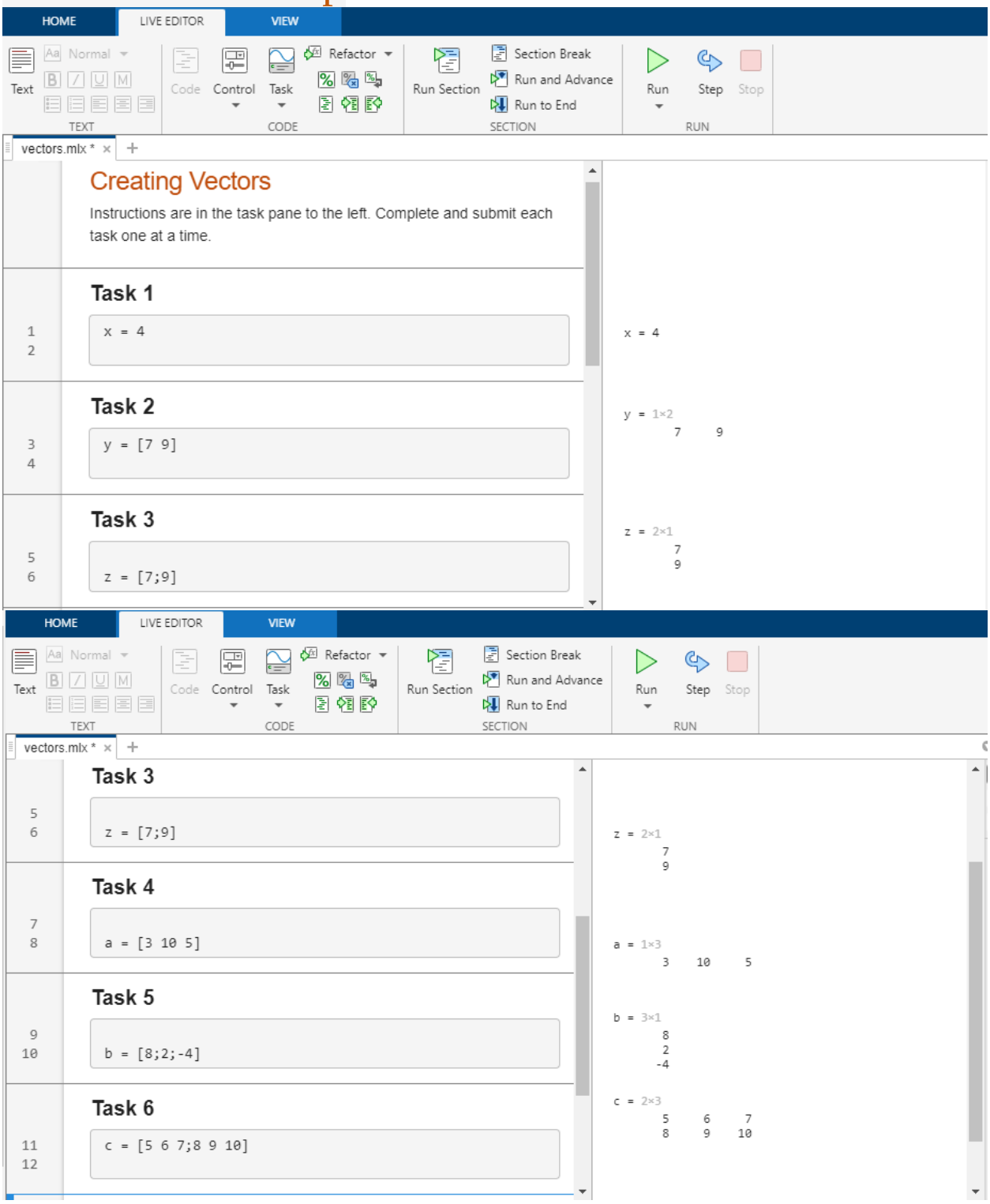
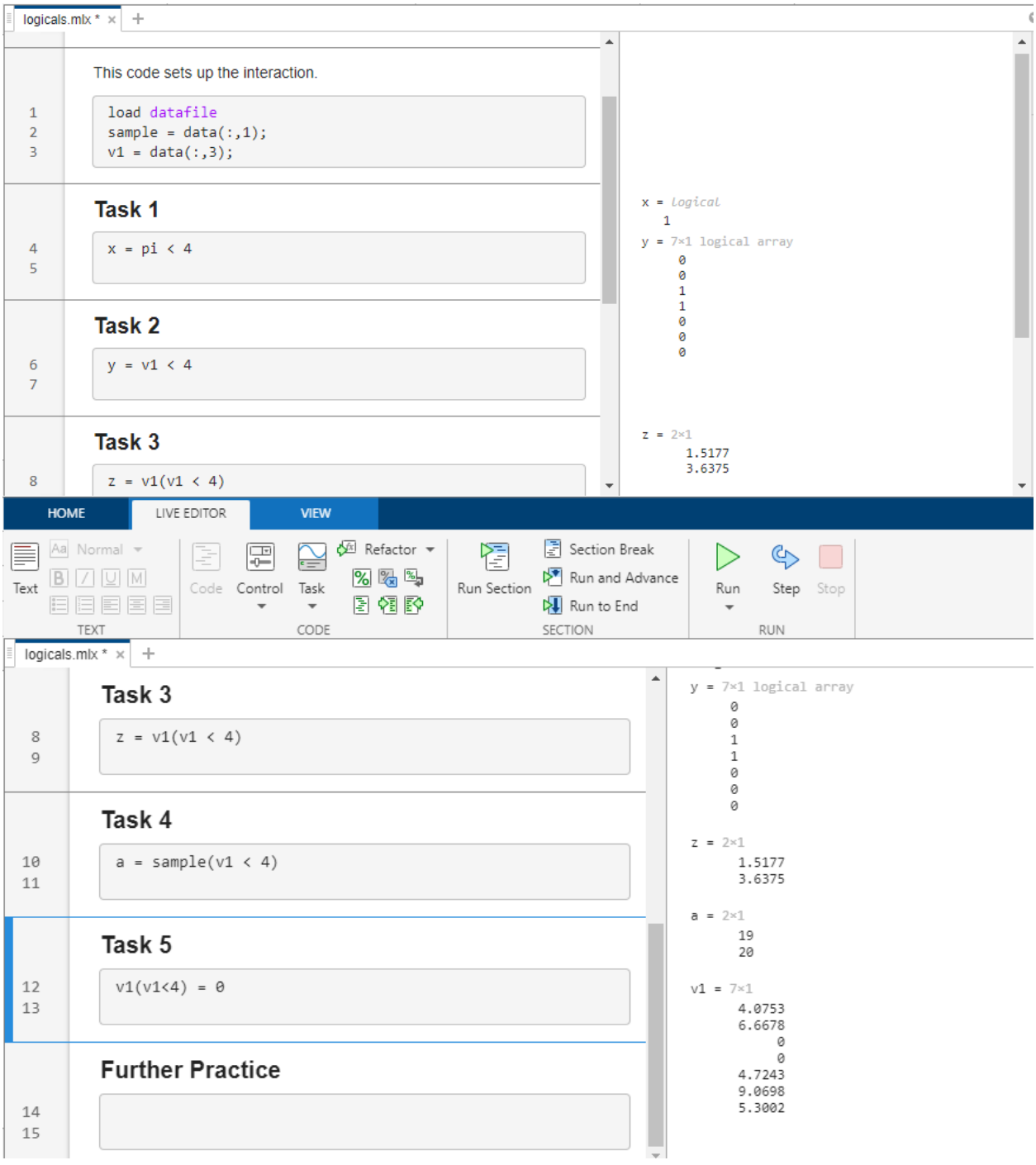
B. Tech-IT
2020-2024

MATLAB Onramp




logicals.mlx *
This code sets up the interaction.
load datafile
sample = data(:,1);
v1 = data(:,3);
Task 1
x = pi < 4
Task 2
y = v1 < 4
Task 3
z = v1(v1 < 4)
x = logical
1
y = 7×1 logical array
0
0
1
1
0
0
0
z = 2×1
1.5177
3.6375
HOME
LIVE EDITOR
VIEW
Text
Normal
Code
Control
Task
Refactor
Run Section
Section Break
Run and Advance
Run to End
Run
Step
Stop
TEXT
CODE
SECTION
RUN
logicals.mlx *
Task 3
z = v1(v1 < 4)
Task 4
a = sample(v1 < 4)
Task 5
v1(v1<4) = 0
Further Practice
y = 7×1 logical array
0
0
1
1
0
0
0
z = 2×1
1.5177
3.6375
a = 2×1
19
20
v1 = 7×1
4.0753
6.6678
0
0
4.7243
9.0698
5.3002

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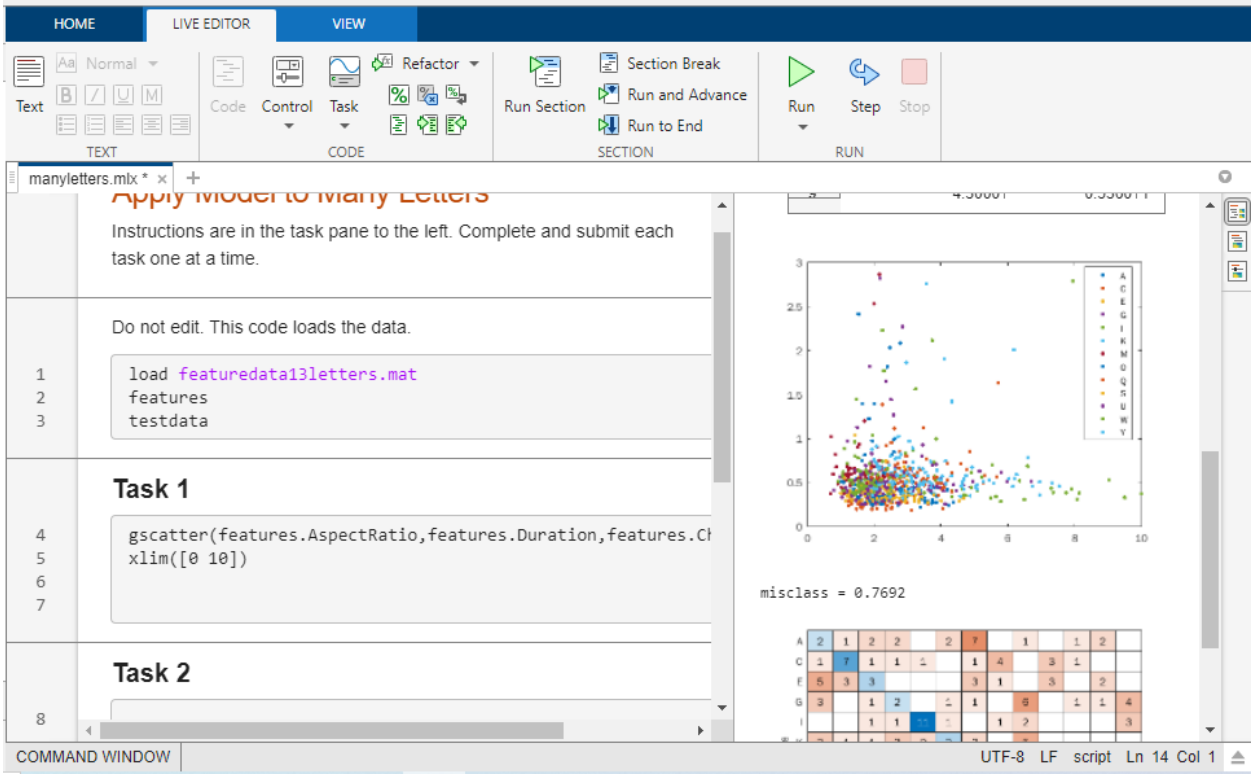

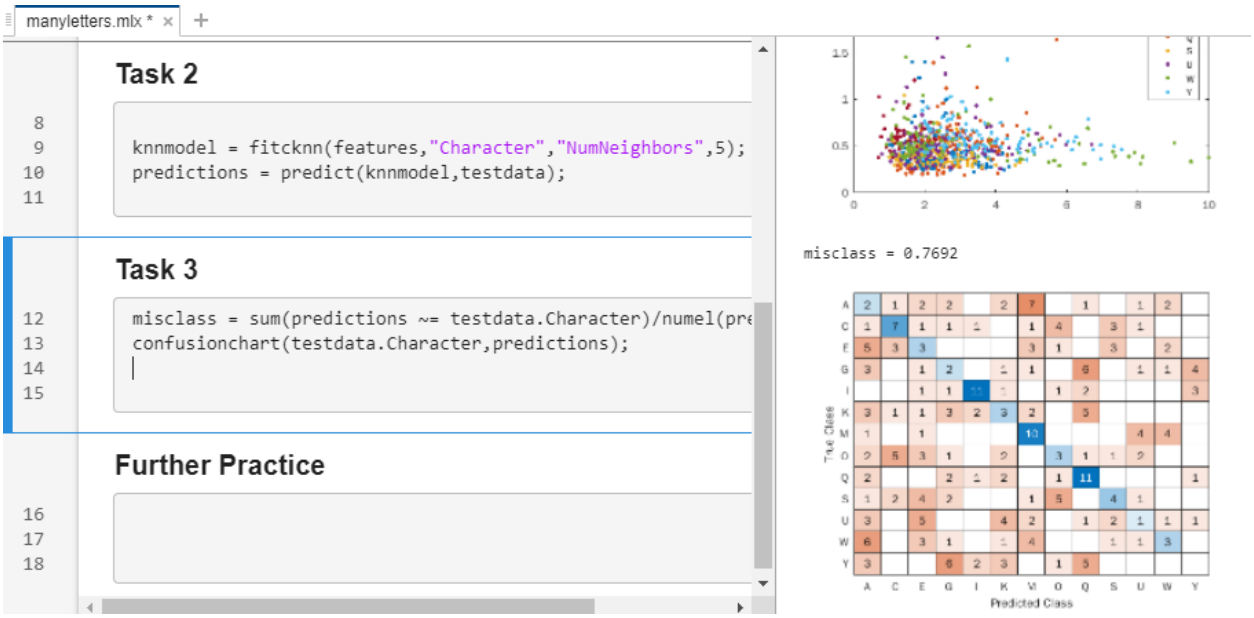


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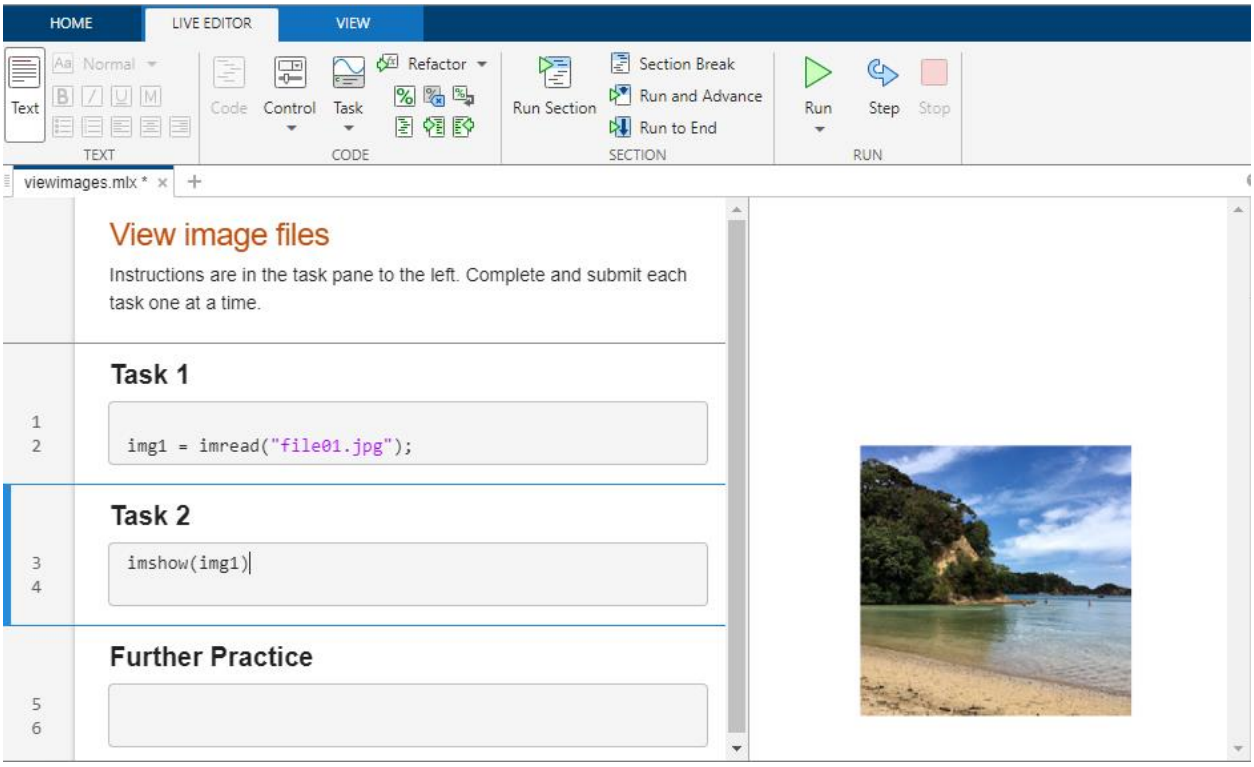

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