**CAED LAB 05**

**EXERCISES**

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***FA17-BECE-0028***

Q1: Evaluate the following MATLAB expressions. Where i,j,k and l have the following values:

1. i\*j + k\*l

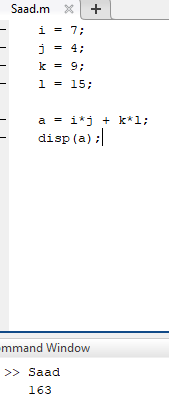
2. i\*(j+k)\*l

3. (i\*j) + (k/l)

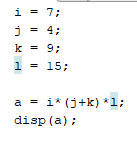
4. (i+j) \* i^j

Answer:

1)

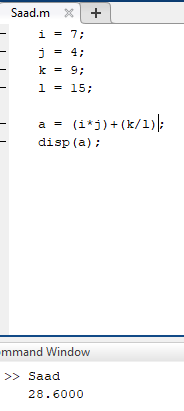


2)

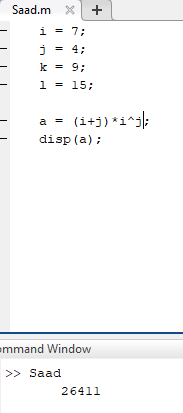




3)



4)



Q2: Evaluate the following MATLAB expressions. Where x = 3-4i and y=1+2i.

1. X + y

2. X – y

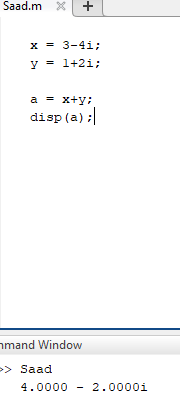
3. X \* z

4. x/y

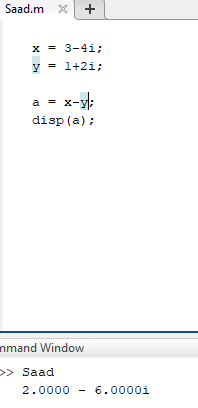
5. X power y

**Result:**

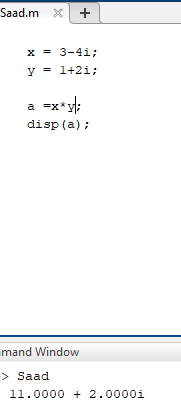
1)



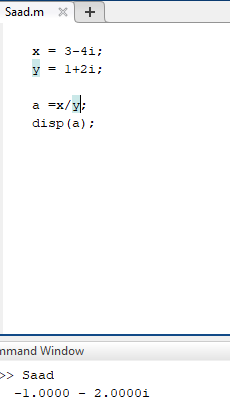
2)



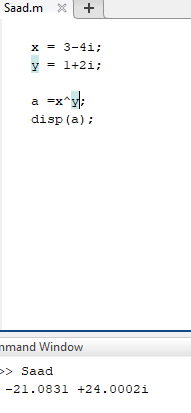
3)



4)

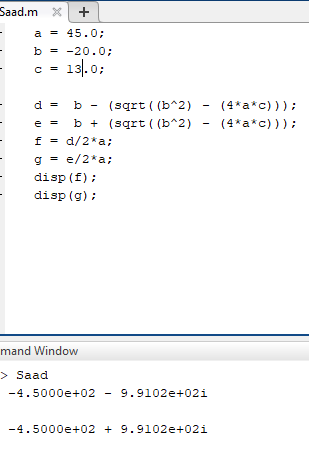


5)



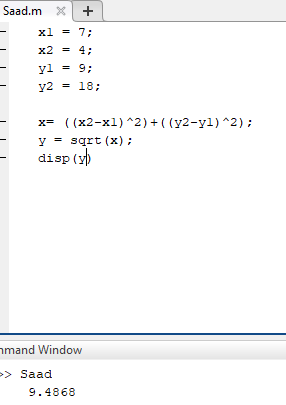
Q3: Write a program to solve Quadratic Equation in MATLAB.

Answer:



Q4: Write a program to solve Distance formula in MATLAB.

Answer:



Q5: Write a program to solve mid-point in MATLAB.

Answer:

