

## IARE INSTITUTE OF AERONAUTICAL ENGINEERING (An Autonomous Institute affiliated to JNTIBI, Hyderabad) Dundigal, Hyderabad - 500 043

## LABORATORY WORK BOOK

Name of the Student: HIMAKAR C								7 / Roll Number,							
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S. No.	Exercise Number	EXERCISE NAME (1)	Aim/	Algorithm /	Procedure	Source Code		Program Execution Results and Error				Total			
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Signature of the Student

Signature of the Faculty

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9.1) Quick Soot
    program:
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der Partition (1, 1, 4):

for i in pange (L, H):

() +1

exister Frading

$$1Ci + 17, 1CH3 = 1CH3, 1Ci + 17$$

def vs(), L, H):

Pi = Partition (1, L, H)

return 1

1 = list (map (int, input ('Enter elements').split())

Print ('sorted array is: ', \* qs (1, 0, len(1)-1

DUTTUTI Test case - I! Enter element: 3 5 7 T Sorted array is: 1 2 3 5 TO A THE PLAN WITH FIRST Test-case- II: Enter elements: 65 25 3356 8 10 4011 Sorted array is: 8 25 65 3356 Test-case-III: I'm ALBERT HIST This service of a sile Enter elements: -4 -3 sorted array is: -3 -2 0 1 (' ) storm') this? (' Lio T') tais 9

Diter some: 95

PH : srand rojal

A shore

Lini

Fail

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9.2) Absolute Letter Grading
   Program:
   5 = int (input ('Enter score: ')) Harman and ?
  if 5 in range (90, 101): 1/ known 10000
      Print ('Grade A')
  elif 5 in range (80, 90):
      Point ('Grade B')
  elif s in range (70, 80):
      Point (Grade (1)
  elif 5 in vange (60, 70):
      Print (Grade D')
  elif 5 in range (50, 60):
      Print ('Grade E')
  eise:
      Print ('Fail')
 OUTPUT:
  Test-case-I;
   Enter score: 95
   Grade A
  Test-Case- II:
   Enter score;
```