Name :-Purval Madhukar Bhude

Roll No. S20230010193

Subject :- DSA

Assignment 8

Question 1

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PS C:\IIITS ASSIGNMENTS\Sem 2\Data Structure And Algo\Assignment 8> cd "c:\IIITS ASSIGNMENTS\Sem 2\Data Structure And Algo\Assignment 8\"; if ($?) { gcc S20230010193_A8.c -0 S2 0230010193_A8 }; if ($?) { spothed in queue after pushing front = 2, rear = 0 for is pushed in queue after pushing front = 2, rear = 1 if we try pushing 30 queue is full, push operation not done 10 is pop from queue after pop front = 3, rear = 1 20 is pop from queue after pushing front = 4, rear = 1 70 is pushed in queue after pushing front = 4, rear = 2 80 is pushed in queue after pushing front = 4, rear = 2 80 is pushed in queue after pushing front = 4, rear = 3 queue is full, push operation not done printing elements in queue: 40 50 60 70 80
```

Question 2

Question 3

```
PS C:\IIITS ASSIGNMENTS\Sem 2\Data Structure And Algo\Assignment 8> cd "c:\IIITS ASSIGNMENTS\Sem 2\Data Structure And Algo\Assignment 8\"; if ($?) { gcc $20230010193_A8.c -o $0230010193_A8 } Enter the Question number that you have to run: 3 Enter size of array: 5 Enter array elements: 40 50 60 10 30 enter the element which has to be search: 40 position of searchkey is 0
```

Question 4

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PS C:\IIITS ASSIGNMENTS\Sem 2\Data Structure And Algo\Assignment 8\ cd "c:\IIITS ASSIGNMENTS\Sem 2\Data Structure And Algo\Assignment 8\"; if ($?) { gcc S20230010193_A8 .c -o S2 0220010193_A8 }; if ($?) { \Sx0230010193_A8 \} if ($?) { \Sx0230010193_A8 .c -o S2 0220010193_A8 }; if ($?) { \Sx0230010193_A8 .c -o S2 0220010193_A8 }; if ($?) { gcc S20230010193_A8 .c -o S2 0220010193_A8 .c -o S2 0220010193_A8 }; if ($?) { \Sx0230010193_A8 .c -o S2 0220010193_A8 .c -o S2 0220010193_AC
```