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Roll No. :- S20230010193

Subject name:-

Data Structure and algorithm (DSA)

Assignment no. 1

Question 1

```

101 int main()
102 {
103     int n = 28022024;
104     printf("%d",nextdate(n));
105 }

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\IIITS ASSIGNMENTS\Sem 2\Data Structure And Algo\Assignment 1> cd "c:\IIITS ASSIGNMENTS\Sem 2\Data Structure And Algo\Assignment 1\" ; if (\$?) { gcc S20230010193_A1.c -o S20230010193_A1 } ; if (\$?) { .\S20230010193_A1 }
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Question 2 (a)

```

120 //test case for Q2 (a)
121 int arr[] = {1,3,5,7,9,11,13,15,17,19};
122 int n = 10;
123 int key = 13;
124 search(arr,n,key);

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\IIITS ASSIGNMENTS\Sem 2\Data Structure And Algo\Assignment 1> cd "c:\IIITS ASSIGNMENTS\Sem 2\Data Structure And Algo\Assignment 1\" ; if (\$?) { gcc S20230010193_A1.c -o S20230010193_A1 } ; if (\$?) { .\S20230010193_A1 }
1
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Question 2 (b)

```

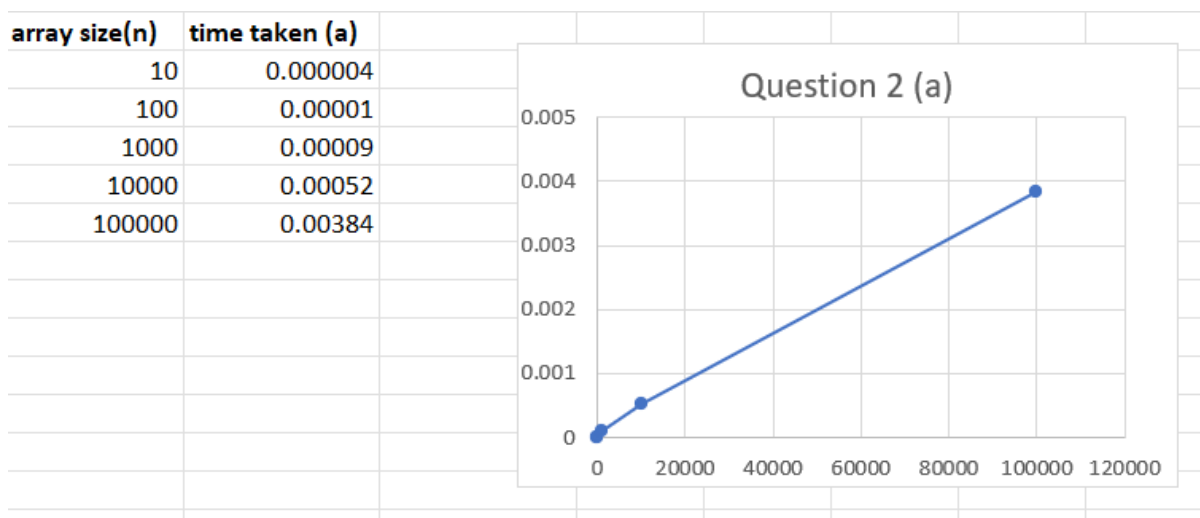
146 //test case for Q2 (b)
147 int arr[] = {1,2,2,3};
148 int n = 4;
149 multipeleimes(arr,n);

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\IIITS ASSIGNMENTS\Sem 2\Data Structure And Algo\Assignment 1> cd "c:\IIITS ASSIGNMENTS\Sem 2\Data Structure And Algo\Assignment 1\" ; if (\$?) { gcc S20230010193_A1.c -o S20230010193_A1 } ; if (\$?) { .\S20230010193_A1 }
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Question 3 (a)



Question 3 (b)

