OPERATING SYSTEM LAB TASK – 08

Name: Kamisha Salim

S.ID: <u>11070</u>

QUESTION – 1 CODE:

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      1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <unistd.h>
4 #include <pthread.h>
0
        int arr[100], n, i, key, t=0;
void *thread1()
t
int t=0;
int t=0;
printf("Enter range of array: ");
scanf("%d",&n);
for(i=0;i<n;i++)</pre>
Â
7
                         printf("Enter number %d: ",i+1);
scanf("%d",&arr[i]);
0
                <u>/</u>
•
                         if(arr[i] == key)
t=1;
                          }
else
                                                                                                                          C ▼ Tab Width: 8 ▼ Ln 36, Col 9 ▼ INS
```

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Activities  
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                                                                         thread.c
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       void *thread2()
;
printf("\nThread2:\n");
printf("Enter a number to search in array: ");
scanf("%d", &key);
for(i=0;i<n;i++)
0
tf(arr[t] == key)
t=1;
Â
3
0
                      }
else
{
<u>/</u>
      •
                     if(arr[i] == key)
t=1;
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```

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                                                               thread.c
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                          printf("Key Element Found!\n");
}
else
{
0
     Â
3
0
<u>/</u>
0
                   }
else
      ;
printf("\nThread5:\n");
printf("Enter a number to search in array: ");
scanf("%d", &key);
                                                                                            C ▼ Tab Width: 8 ▼ Ln 119, Col 22 ▼ INS
```



OUTPUT:

