KODE UTP PRAKTIKUM ASD

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KELAS:IF 03-02

1.QUEUE

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                                                                                                                                                                                                                                                                                      ··· C queue.c X
                                                                                                                                                                                                                                                                                                               ₽~ @ B ..
        > SEARCH
                                                                                                                                                                                                          int dequeue(Queue *queue) {
   if (isEmpty(queue)) {
       printf("Queue is empty\n");
       return -1;
         v.vscodeASD.casdweek5.c
           C asdweek7.c
C OTHCIRCULAR.c
                                                              typedef struct Queue{
   int data[MAX_SIZE];
   int front;
   int rear;
                                                                                                                                                                                                                 int value = gueue->data[gueue->front];
           G OTSSTACK.C

■ OTSSTACK.exe
                                             9
10
11
12
void initqueue(Quartill
13
14
15
queue->front = -1;
16
}
isEmpty(Queue *qu
queue->fr
                                                                                                                                                                                                                if (queue->front == queue->rear) {
   queue->front = queue->rear = -1;
} else {
   queue >front = (queue >front = 1)

    otsweek7-queue.exe

                                                                                                                                                                                                                       queue->front = (queue->front + 1) % MAX_SIZE;

    □ rekursif.exe

    struct.exe

             C struct2.c
                                                                                                                                                                                                          void handlePatient(Queue "queue, int severity) {
    if (severity <= 5) {
        printf("konsumen masuk dalam antrian\n");
    } else {
        printf("konsumen keluar antrian\n");
}</pre>
                                                             void enqueue(Queue *queue, int value) {
   if (isFull(queue)) {
      printf("Queue is full\n");
      catuen.
                                                                                                                                                                                                                  Queue queue;
initQueue(&queue);
                                                                                                                                                                                                                 int n, i, severity;
printf("Input jumlah konsumen: ");
scanf("%d", &n);
           C stack.c
C STACKELEMEN.c
        > OUTLINE
  िं > TIMELINE
S O ∆ O % O
                                                                                                                                                                                                                                                            Ln 51, Col 13 Spaces: 4 UTF-8 CRLF {} C Win32
```

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Ф
                                                                                                                                                                                                 ASDujn > C queue.c > 😯 dequeue(Queue *)
41 int dequeue(Queue *queue) {
                                  > SEARCH
                                        ✓ ALGORITMA STRUKTUR DATA

✓ .vscode

✓ ASD.c
                                                                                                                                                                                                                                                return value;
                                                                                                                                                                                                 C asdweek7.c
0
                                                   C otsweek7-queue.c

substitution of the control o

≡ rekursif.exe

                                                                                                                                                                                                                                                                     Queue queue;
initQueue(&queue);
                                                                                                                                                                                                                                                                                int n, i, severity;
printf("Input jumlah konsumen: ");
scanf("%d", %n);

    struct2.exe

                                                                                                                                                                                                                                                                                printf("Input antrian konsumen: \n");
for (i = 0; i < n; i++) {
    scanf("%d", &severity);
    enqueue(&queue, severity);</pre>

    week5ots.exe

                                                                                                                                                                                                                                                                                    printf("Output:\n");
for (i = 0; i < n; i++) {
    severity = dequeue(&queue);
    handlePatient(&queue, severity);</pre>
                                                   C queue.c

≡ queue.exe
                                    > TIMELINE
```

2.QUEUE

> TIMELINE

```
EXPLORER ... C OTHCIRCULAR.c C rekursif.c C queue2.c x
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ₽~ ⊕ ⊟ ·
                 > SEARCH
                ✓ ALGORITM... [1] [2] [3] [4] 

✓ .vscode

✓ ASD.c

C asdweek5.c
                       C asdweek7.c
C OTHCIRCULAR.c
                                                                                                                typedef struct Queue{
   int data[MAX_SIZE];
   int front;
   int rear;
                       C OTSSTACK.CE OTSSTACK.exe
 0
                        C rekursif.c

≡ rekursif.exe
                                                                                                              queue->front = -1;
queue->rear = -1;
}
                                                                                                                int isEmpty(Queue *queue) {
    return (queue->front == -1 && queue->rear == -1);
                                                                                                                  int isFull(Queue *queue) {
    return ((queue->rear + 1) % MAX_SIZE == queue->front);

    week5ots.exe

                                                                                                                  void enqueue(Queue *queue, int value) {
   if (isFull(queue)) {
      printf("Queue is full\n");
      return;
                       C queue2.c

≡ queue2.exe
                                                                                                                            if (isEmpty(queue)) {
    queue->front = queue->rear = 0;
} else {
                      C stack.c
                                                                                                                                           queue->rear = (queue->rear + 1) % MAX_SIZE;
> OUTLINE
                                                                                                                                                                                                                                                                                 Eile Edit Selection View Go Run Terminal Help
DPHORER ... C OTHCIRCULARC C rekursif.c C queue2c X

> SEARCH ASDujn > C queue2c > ...
                                                                                          ASDujn > C queue2.c > ...
26 void enqueue(Queue *queue, int value) {
                 ✓ ALGORITM.... [‡ □ ひ ⑤ · v.vscode · ✓ ASD.c
                       C asdweek5.c
 0
                                                                                                              int dequeue(Queue *queue) {
   if (isEmpty(queue)) {
      printf("Queue is empty\n");
      return -1;
                        C rekursif.c
                        C struct.c

≡ struct.exe
                                                                                                                          if (queue->front == queue->rear) {
   queue->front = queue->rear = -1;
} else {
   queue->front = (queue->front + 1) % MAX_SIZE;
}

    week5ots.exe

                       > ASDTEORI.c
                                                                                                                  void handlePatient(Queue *queue, int severity) {
                                                                                                                             in industrial consider the consideration of th
                        ■ ASDPRTKM.zip
                    C queue2.c

≡ queue2.exe
                                                                                                                            Queue queue;
initQueue(&queue);
```

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                                                                                                                                                                                                                                                                                                                                                           ■ □ □ □ □ −
                                                                                                                                                                                                                                                                                                                                                                                          ₽~ @ □ ..
           > SLARCH ASDujn > C queue2.c > ...

> ALGORITM... [2, [7] [7] [8] 41 int dequeue(Queue *queue) {
             v.vscodeASD.cc asdweek5.c
                                                                void handlePatient(Queue *queue, int severity) {
    if (severity <- 5) {
        printf("ditangani dokter umum\n");
    } else {
        printf("ditangani dokter spesialis\n");
    }
    int main() {
        Queue queue;
    initQueue(%queue);
    }
}</pre>
               C asdweek7.c
C OTHCIRCULAR.c
               G OTSSTACK.C

≡ OTSSTACK.exe
0
                C otsweek7-queue.c

■ otsweek7-queue.exe

    rekursif.exe

                                                                                   int n, i, severity;
printf("Input jumlah pasien: ");
scanf("%d", &n);
                                                                                      printf("Input tingkat keparahan pasien: \n");
for (i = 0; i < n; i++) {
    scanf("%d", &severity);
    enqueue(&queue, severity);</pre>
                                                                                     printf("Output:\n");
for (i = 0; i < n; i++) {
    severity = dequeue(&queue);
    handlePatient(&queue, severity);
}</pre>
              ✓ ASDujn

■ ASDPRTKM.zip
               C queue.c

≡ queue.exe
            C queue2.c

≡ queue2.exe
              C stack.c
C STACKELEMEN.c
> OUTLINE
> TIMELINE
```

3.STACK

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∠ ALGORITMA STRUKTUR DATA

EXPLORER ... C OTHCIRCULAR.c C rekursif.c C stack.c 1 X
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                                       > SEARCH
                                       ✓ ALGORITM... 【注 日 ひ 自

✓ .vscode

✓ ASD.c
                                                                                                                                                                                                                         5
  typedef struct stack ;
7
  int data[MAX_STACK_SIZE];
8  int top;
9  }stack;
10
  void printstack(stack*stack){
12   if(isempty(stack)){
      printf("\nstack kosong");
14   return;
14
                                                        C asdweek7.c
                                                        0
                                                        C otsweek7-queue.c

substitution of the control o
                                                          C rekursif.c

≡ rekursif.exe
                                                          C struct.c

≡ struct.exe

    week5ots.exe

                                                     > ASDTEORI.c
                                                          C queue2.c

≡ queue2.exe
                                                     C stack.c
                       <sup>3</sup> > TIMELINE
⊗1 ∆ 0 % 0
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4.STACK ELEMEN

> TIMELINE

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                                                                                                                      C STACKELEMEN.C X
                                                                                                                                                                                                                                                                                                                                    ₽~ @ E ·
          > SEARCH
         → SEARCH

✓ ALGORITM... [1] [1] [1] [2] [2]

✓ .vscode

✓ ASD.c

C asdweek5.c
                                                                   #define MAX 10
              C asdweek7.c
C OTHCIRCULAR.c
              C OTSSTACK.C

☐ OTSSTACK.exe
 0
              C rekursif.c

≡ rekursif.exe
                                                                   bool isEmpty(Stack *stack) {
    return stack->top == -1;
}
               bool isFull(Stack *stack) {
   return stack->top == MAX - 1;
                                                                  void push(Stack *stack, char value) {
    if (!isrul(stack)) {
        stack->data[++stack->top] = value;
    } else {
        printf("Stack penuh!\n");
    }
}
              C queue.c
                                                                   char pop(Stack *stack) {
    if (listmpty(stack)) {
        return stack->data[stack->top--];
    } else {
              C queue2.c

≡ queue2.exe
            C stack.c
C STACKELEMEN.c
X Eile Edit Selection View Go Run Terminal Help

∠ ALGORITMA STRUKTUR DATA

        DIPLORER
        ...
        C OTHCIRCULAR.c
        C rekursif.c

        > SEARCH
        ASDujn > C STACKELEMEN.c > ⊕ mai

 Ð
          ✓ ALGORITM... [‡ □ ひ ⑤

✓ .vscode

✓ ASD.c
                                                                  void push(Stack *stack, char value) {
   if (!isrull(stack)) {
      stack->data[++stack->top] = value;
   } else {
              C asdweek7.c
              OTSSTACK.C■ OTSSTACK.exe
 0
                                                                  chan pop(Stack *stack) {
    if (!istmpty(stack)) {
        return stack->data[stack->top--];
    } else {
        printf("Stack kosong!\n");
        return '\0';
}
              C otsweek7-queue.c

state otsweek7-queue.exe
              C rekursif.c
              C struct.c

≡ struct.exe
                                                                  char peek(Stack *stack) {
   if (!IsEmpty(stack)) {
      return stack->data[stack->top];
   } else {
      printf("Stack kosong!\n");
      return '\0';
}

    week5ots.exe

              ■ ASDPRTKM.zip
                                                                   C queue2.c

≡ queue2.exe
              C stack.c
            C STACKELEMEN.c
```