Answer the questions in the spaces provided. If you run out of room for an answer,
continue on the back of the page.(note)

Name and section: _____

Instructor's name: _____

1. hangisine deniz denir?

   ○ atlantis

   ○ malidis

   ○ makartis

2. Bu bir açık uçlu sorudur öyle mi acaba?
   Compute
   $$\int_0^\infty \frac{\sin(x)}{x}$$

   $$\lim_{x\to 0} \frac{e^x - 1}{2x} \overset{\left[\frac{0}{0}\right]}{\underset{H}{=}} \lim_{x\to 0} \frac{e^x}{2} = \frac{1}{2}$$

   Algorithm 0.1: CELSIUSTOFAHRENHEIT(c)

   $f \leftarrow 9c/5 + 32$
   return (f)

3. Bu bir açık uçlu sorudur öyle mi acaba? sdfsdfsdfsdfsdfsdf sdfsdfsd

Algorithm 0.2: MERGESORT(n, X)

comment: Sort the array X of length n

if $n = 2$

   then $\begin{cases} \textbf{if } X[0] > X[1] \\ \quad \textbf{then } \begin{cases} T \leftarrow X[0] \\ X[0] \leftarrow X[1] \\ X[1] \leftarrow T \end{cases} \end{cases}$

   else if $n > 2$

   then $\begin{cases} m \leftarrow \lfloor n/2 \rfloor \\ \textbf{for } i \leftarrow 0 \textbf{ to } m - 1 \\ \quad \textbf{do } A[i] \leftarrow X[i] \\ \textbf{for } i \leftarrow m \textbf{ to } n - 1 \\ \quad \textbf{do } B[i] \leftarrow X[i] \\ \textbf{comment: } \text{Now sort the subarrays } A \text{ and } B \\ \\ \text{MERGESORT}(m, A) \\ \text{MERGESORT}(n - m, B) \\ i \leftarrow 0 \\ j \leftarrow 0 \\ \textbf{for } k \leftarrow 0 \textbf{ to } n - 1 \\ \quad \textbf{do } \begin{cases} \textbf{if } A[i] \leq B[j] \\ \quad \textbf{then } \begin{cases} X[k] \leftarrow A[i] \\ i \leftarrow i + 1 \end{cases} \\ \quad \textbf{else } \begin{cases} X[k] \leftarrow B[j] \\ j \leftarrow j + 1 \end{cases} \end{cases} \end{cases}$

                                                           (i)

                                                           (ii)

Algorithm 0.3: if (s)

$omeconditionistrue$

   then $\begin{cases} somestatement \\ anotherstatement \\ yetanotherstatement \end{cases}$

   else if $someotherconditionistrue$

   then $\begin{cases} somestatement \\ anotherstatement \\ yetanotherstatement \end{cases}$

   else if $someevenmorebizarreconditionismet$

   then $dosomethingelse$

   else $dothedefaultactions$

4. Aşağıdakilerden hangisi deniz değildir acaba?

     ◯ Akdeniz

     ◯ Karadeniz

     ◯ Delideniz

5. deneme sorularrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr???

     ◯ deneme cevap 2.5

     ◯ deneme cevap 3

     ◯ deneme cevap 3.5

     ◯ deneme cevap 4