Q1) "ceren alemdarzade"

$$\text{Ascii name} = 0\overset{c}{99} + 1\overset{e}{01} + 1\overset{r}{14} + 1\overset{e}{01} + 1\overset{n}{10}$$
$$= 525 \text{ //}$$

$$\text{Ascii surname} = 0\overset{a}{97} + 1\overset{l}{08} + 1\overset{e}{01} + 1\overset{m}{09} + 1\overset{d}{00} + 0\overset{a}{97} + 1\overset{r}{14} + \rightarrow$$
$$+ 1\overset{z}{22} + 0\overset{a}{97} + 1\overset{d}{00} + 1\overset{e}{01}$$
$$= 1146 \text{ //}$$

$$\text{Asci total} = 525 + 1146 = 1671 \text{ //}$$

$$\text{Time Number} = (\text{total} \% 14) + 1 \Rightarrow \cancel{\text{1671}}$$

$$\begin{array}{r|l} 1671 & 14 \\ \hline & 119 \\ \hline 5 \end{array}$$

$$\hookrightarrow 5 + 1 \enspace \boxed{6} \text{ Time Number}$$

$$\text{ARRNUMBER} = 65536 - 1 = 65535$$

$$\text{Duration} = (\text{ASCii Surname} \% 1500) * 30$$
$$= 34\,380$$

$$\text{LEDPINNUMBER} = (\text{Ascii Total} \% 4) + 12 =$$
$$3 + 12 = \underline{\underline{15}}$$
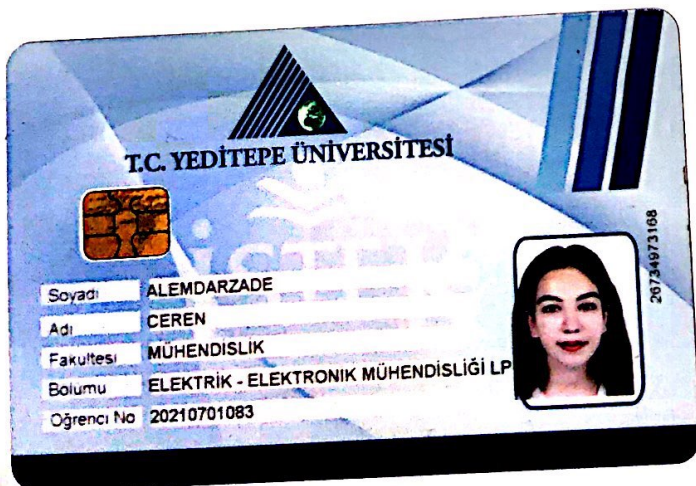
Ceren
Alemdarzade
20210701083