

Unix Programlama 2

Sınav Soruları

Furkan : İSİM
Kaya : SOYİSİM

191216002 : NUMARA

Rahat okuyabilmeniz adına kodlar zip dosyasına eklenmiştir...

İyi çalışmalar dilerim.

Furkan Kaya

191216002

Soru 1:

```
#!/bin/bash
```

```
for ((i=1; i<=40; i+=3))
```

```
do
```

```
    echo $i;
```

```
done
```

Soru 2:

```
#!/bin/bash
```

```
declare -a dizi;
```

```
dizi=();
```

```
for ((i=0; i<5; i++))
```

```
do
```

```
    read -p "$((i+1)) sayiyi giriniz: " sayi;
```

```
    dizi+=($sayi);
```

```
done
```

```
let toplam=0;
```

```
for i in ${dizi[@]}
```

```
do
```

```
    toplam=$((toplam+i));
```

```
done
```

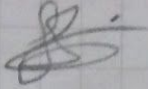
```
echo "Girdiginiz sayilarin ortalamasi: "
```

```
echo "scale=2; $toplam/${#dizi[@]}" | bc;
```

Furkan Kaya

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Soru 3:



```
#!/bin/bash
```

```
besler=0;
```

```
uceler=0;
```

```
for ((i=0; i<=100; i++))
```

```
do
```

```
if (( $i%5 == 0 )) ; then
```

```
besler=$(( besler + $i )) ;
```

```
fi
```

```
if (( $i%3 == 0 )) ; then
```

```
uceler=$(( uceler + $i )) ;
```

```
fi
```

```
done
```

```
echo "Toplamların farkları $(( $besler - $uceler ))"
```


Furkan kaya 191216002
soru 4a

[Signature]

```
#!/bin/bash
```

```
maas=0;
```

```
SaatUcreti=0;
```

```
NetGelir=0;
```

```
read -p "çalışma yılınızı giriniz:" yıl;
```

```
read -p "çalışma saatinizi giriniz:" saat;
```

```
if (( $yıl >= 1 && $yıl <= 10 )); then
```

```
    maas=3000;
```

```
    saatUcreti=20;
```

```
fi
```

```
if (( $yıl >= 11 && $yıl <= 20 )); then
```

```
    maas=4000;
```

```
    saat ucreti=30;
```

```
fi
```

```
if (( $yıl >= 21 && $yıl <= 30 )); then
```

```
    maas=5000;
```

```
    SaatUcreti=40;
```

```
fi
```

Furkan Kaya 191216002

Soru 4 devam:

let netGelir += \$maas;

if ((\$saat > 120)); then

let saat -= 120;

let netGelir += ((\$saat * \$saatUcret));

fi

echo "Alacağınız ücret: \$netGelir";

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Soru 58

8.

odenecekVergi=0; vergiOrani=0;

read -p "Gelirinizi girin: " gelir;

if ((\$gelir <= 22000)); then

vergiOrani=15;

fi

if ((\$gelir > 22000 && \$gelir <= 49000)); then

let odenecekVergi += 3300;

let gelir = \$((\$gelir - 22000));

vergiOrani=20;

fi

if ((\$gelir > 49000 && \$gelir <= 120000)); then

let odenecekVergi += 8700;

let gelir = \$((\$gelir - 49000));

vergiOrani=27;

fi

if ((\$gelir > 120000 && \$gelir <= 600000)); then

let odenecekVergi += 27870;

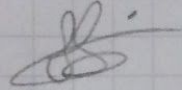
let gelir = \$((\$gelir - 120000));

vergiOrani=35;

fi

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Soru 5 devam :



```
if (( $gelir > 600000 )) ; then
```

```
    let odenecekVergi += 195870 ;
```

```
    let gelir = $(($gelir - 600000)) ;
```

```
    VergiOrani = 40 ;
```

```
fi
```

```
let odenecekVergi += $(($($gelir/100))
```

```
    *vergiOrani)) ;
```

```
echo $odenecekVergi ;
```