

#6.soru

```
import datetime
```

```
liste=[
```

```
{"isim":"ali", "borc":46,"son_odeme":"2022 8 7"},
```

```
{"isim":"veli", "borc":50,"son_odeme":"2022 9 7"},
```

```
{"isim":"ayşe", "borc":100,"son_odeme":"2021 9 15"},
```

```
{"isim":"fatma", "borc":80,"son_odeme":"2022 9 7"},
```

```
]
```

```
simdi=datetime.datetime.now()
```

```
x=[{"isim":a["isim"], "borc":a["borc"]*1.2} for a in liste if datetime.datetime(*(map(int, a["son_odeme"].split())) < simdi]
```

#1.soru

```
meyveler="elma armut karpuz ahududu"
```

```
x= filter(lambda a: a.startswith("a"), meyveler.split())
```

#2.soru

```
meyveler="elma armut karpuz ahududu"
```

```
x= map(lambda a: a.capitalize(), meyveler.split())
```

#4.soru

```
import random
```

```
from functools import reduce
```

```
x= reduce(lambda a,b: a+b, [random.random() for i in range(10)])
```

```
#5.soru
```

```
kelimeler = ("demigod", "rewire", "madam", "fortran", "python", "xamarin", "salas", "PHP")
```

```
y= list(filter(lambda a: a==a[::-1], kelimeler))
```

```
#8.soru
```

```
import random
```

```
from functools import reduce
```

```
n=5
```

```
x= reduce(lambda a,b: a*b, [i for i in range(1,n+1)])
```

```
#7.soru
```

```
class Fibo:
```

```
    def __iter__(self):
```

```
        self.f1=1
```

```
        self.f2=1
```

```
        return self
```

```
def __next__(self):  
    self.f1, self.f2= self.f2, self.f1+self.f2  
    return self.f2
```

```
a=Fibo()
```

```
b=iter(a)
```