

Partial POO

b)

```
clasa Smartphone{  
public:  
atribute:  
string sistemoperare;  
string producator;  
int anfabricatie;  
float putereaconsumata;  
string tipretea;  
string tipacumulator;  
metode:  
set_producator(new_producator)  
set_tipretea(new_tipretea)  
set_putereaconsumata(new_putereaconsumata)  
set_tipacumulator(new_tipacumulator)  
set_anfabricatie(new_anfabricatie)  
set_sistemoperare(new_sistemoperare)  
get_sistemoperare()  
  
verificare_versiune()  
descarcare()  
instalare()};
```

c)

```
Smartphone samsung;  
samsung.set_sistemoperare()  
samsung.verificare_versiune()  
samsung.descarcare()  
samsung.instalare()
```

d)

Clasa Electronice poate fi o clasa abstracta, ce are ca metoda actualizarea sistemului de operare.

```
abstract class Electronice{
```

```
    metode:
```

```
    actualizaresistem()
```

```
};
```

```
class Laptop mosteneste de la Electronice{
```

```
    metode:
```

```
    actualizaresistem();
```

```
class Telefon mosteneste de la Electronice{
```

```
    metode:
```

```
    actualizaresistem();
```

```
};
```

```
class Smartphone mosteneste de la Telefon{
```

```
    metode:
```

```
    actualizaresistem();
```

e.

```
abstract class Electronice{
```

```
    metode:
```

```
    actualizaresistem()
```

```
};
```

```
class Laptop mosteneste de la Electronice{
```

```
    metode:
```

```
    actualizaresistem(Windows);
```

```
class Telefon mosteneste de la Electronice{
```

```
    metode:
```

```
    actualizaresistem();
```

```
};
```

```
class Smartphone mosteneste de la Telefon{
```

```
    metode:
```

