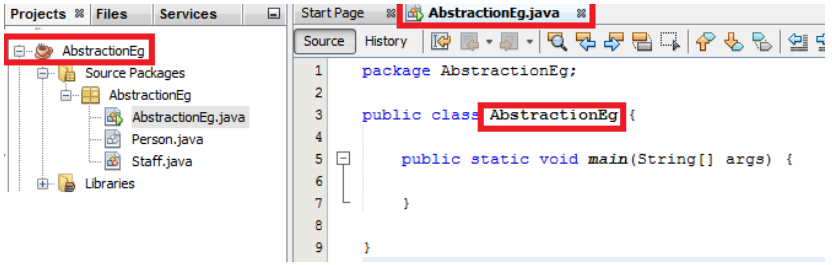
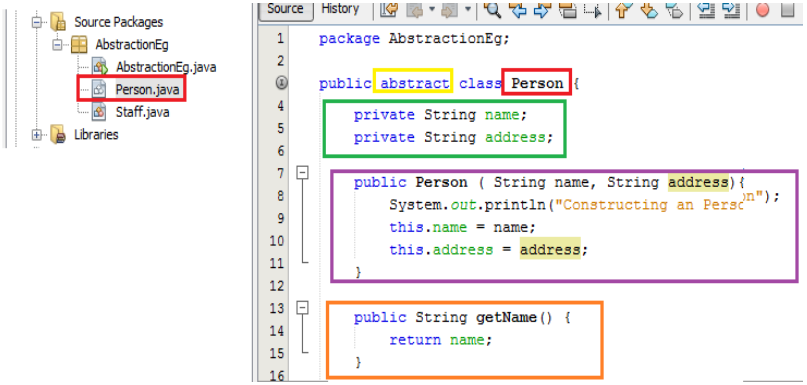
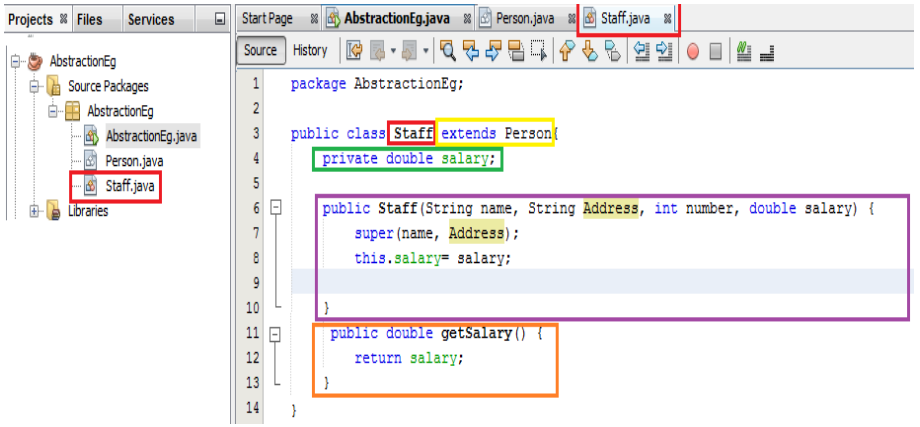
Abstraction Example

- Create NetBeans project Abstraction





- Create a class Person within the Abstract package.
- Add class modifier abstract to the class declaration .
- Add two private variables Name, Address.
- Create the person method and include the code listed
- Create a getname() method and include the code listed.



- Create a class Staff within the Abstract package.
- Add class modifier Extends person to the class declaration.
- Add one private variables salary.
- Create the salary Method and include the code listed.
- Create a getsalary() Method and include the code listed

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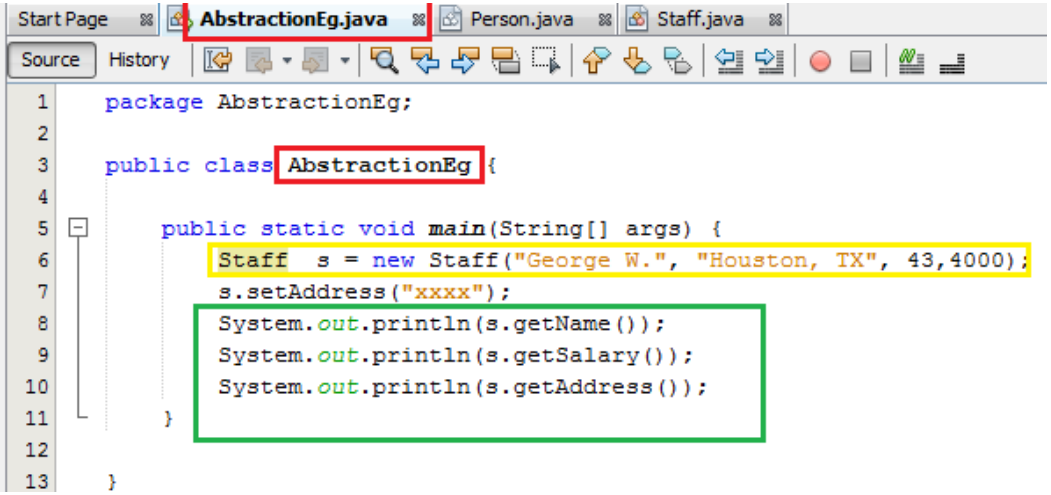

- Return to the AbstractEg class
- Instantiate the staff class and add the parameters listed
- Use println to out the values

Abstraction

```
package AbstractionEg;

public class AbstractionEg {

    public static void main(String[] args) {
        Staff  s = new Staff("George W.", "Houston, TX", 43,4000);
        s.setAddress("xxxx");
        System.out.println(s.getName());
        System.out.println(s.getSalary());
        System.out.println(s.getAddress());
    }

}
```

```
package AbstractionEg;

public abstract class Person {
    private String name;
    private String address;

    public Person ( String name, String address){
        System.out.println("Constructing an Person");
        this.name = name;
        this.address = address;
    }

    public String getName() {
        return name;
    }
}
```

```
package AbstractionEg;

public class Staff extends Person{
    private double salary;

    public Staff(String name, String Address, int number, double salary) {
        super(name, Address);
        this.salary= salary;

    }
     public double getSalary() {
        return salary;
    }

    public void setSalary(double salary) {
        this.salary = salary;
    }
}
```