Dart pad code

**1. hello**

void main() {

**print('hello');**

}

**2.var type cant be changed**

void main() {

**int age=30;**

**print(age);**

}

3. name

void main() {

String name='amit';

print(name);

}

4.dynamic

void main() {

dynamic name='amit';

nae=30;

print(name);

}

**5. function**

void main() {

String a= name();

int b= age();

print(a);

print(b);

}

**String name(){**

return 'amit';

}

int age(){

return 30;

}

**6.List**

void main() {

**List name=['amit','sanket','khushi'];**

print(name);

}

7.add list

void main() {

List name=['amit','sanket','khushi'];

**name.add('shruti');**

print(name);

}

8.remove

void main() {

List name=['amit','sanket','khushi'];

name.add('shruti');

**name. remove('amit');**

print(name);

}

9. datatype to list cant add int

void main() {

List <String> name=['amit','sanket','khushi'];

name.add('shruti');

name. remove('amit');

print(name);

}

10.class and main

void main() {

user userone = user();

print(userone.username);

userone.login();

}

**class user{**

String username='amit';

int age=10;

//function

void login(){

print('user login');

}

}

11.late and passing user variable

void main() {

User userone = User('amit', 25);

print(userone.username);

print(userone.age);

userone.login();

// user usertwo=user();

// print(usertwo.username);

}

class User{

late String username;

late int age;

//constructor

**User(String username,int age){**

this.username=username;

this.age=age;

}

//function

void login(){

print('user login');

}

}

12.super user

void main() {

User userone = User('amit', 25);

print(userone.username);

print(userone.age);

userone.login();

// user usertwo=user();

// print(usertwo.username);

SuperUser userthree =SuperUser('amit1',30);

print(userthree.username);

userthree.publish();

userthree.login();

}

class User{

late String username;

late int age;

//constructor

User(String username,int age){

this.username=username;

this.age=age;

}

//function

void login(){

print('user login');

}

}

class SuperUser extends User{

SuperUser(String username,int age):super(username,age);

void publish(){

print ('published');

}

}