void main(){

print("saqibg");

// this is static data type

String name="Zeeshan";

int :1;

double dun =12.0;

bool condition=true;

// it will show show error when you insert in integer in string

// var

var checkint=1;

print(checkint);

checkint =2;

// checkint ="z";

// var is a type of vraible that have all type but it first give string type then you need to give it alway string other wise its show errors it not 100% daynamic

print(checkint);

// 100% daynamic

dynamic a="ze";

a=2;

// it is 100% daynamic and it not show error when you change data type on update

// const smilar to javascript you can't update

const name1="zeeshan";

const String names ="saq";

// Final

// final variable jb use hoga jb apko value change ka asasar na dekhana ho aik dafa declare hone ke bad

var x;

x="princ";

final String checkfinal=x;

print(checkfinal);

x="prince";

print(checkfinal);

print(x);

// dekha jo final tha us me hame pata chal gaya phele kya tha

// TYPE CHECK FOR DAYNAMIC VARIABLE

var c="string";

if(c is! int)

{

print("its not a integer");

}

// LIST ARRAY

var fixedLegthList=new List(2);

var dayanmicLengthList = new List();

List<int> typeRestricteList=new List();

typeRestricteList.add(1);

typeRestricteList.add(2);

// Direct way

var aa=[1,2,3,4];

print(aa);

print(typeRestricteList);

for(var i in typeRestricteList)

{

print(i);

}

// MAP OBJECR

var mapExp = new Map();

mapExp["m"]="zeeshan";

print(mapExp);

// Dirext way

var aaa={"a":"zeeshan"};

print(aaa);

// FIXED OBJECT KEY AND TYPE

Map<int,int> fixedTypeValue=new Map();

fixedTypeValue[1]=200;

for(int i in fixedTypeValue.values)

{

print(i);

}

for(int i in fixedTypeValue.keys)

{

print(i);

}

// ARRO FUNCTION LEMBAT FUNCTION

var add =(int a,int b)=>a+b;

print(add(1,1));

}