functions? A Junction is a block of cocle that performs a specific task whenever it is called. In biggs programs, when we have large amount of code, it is advisable to exert or well existing puncher that make the program flow organized and next. (1 leave to) = = 0); There are two types of Jeresas. Planet record 1) Built in Junetia. 2) User-defind functions. Buelt in Junction!
Then Junction are defined and precede in python. Some example of built in Junction are as Jollow: min(), max(), lon(), sun(), type(), tange(), dict(), 1, st (), typle(), set(), print(), ch. USIs defind Junction: we can create function to perform specific task as per outs heeds: with finche without function dy Calculat Grean (a, b): 950 mean 2 (et 6) / a+6) 628 de Calculati Grmean (a, 6) 9 mean) = (0 + b) / (0+6) print (gmean 1) Calcalas Gmea (49) gmoon2 2 (E'td)/(td))
print (gmean 2)

Copy - 11st 1 11st 1. 1019 1)

Cold 1201 + Marine (1)

(1001 = = (10) - blos) to

(" world problem ")

els privat ' Not pot whom

4

Pass e) If we want to said after some one we use pass Junta grilles & who not no my . The way the stand of the second of the sec Syntax: dej Junchon- nome (parometus): now, Jollowed by a parameteress (0) and a colon(1). . Any parametes and argument should be placed within my powerthesis ·Rules to nowing Junetian are similar to that of nowing variable Any statement and other cocle within the Junioran should be included amat to away (1,1) Calling a function parameters (your) in the parameters dy name (Inan, Inam): pris ("Hello", Jean , Inan) nane ("som", "will(on") definant (four poor floor) (mon) I would mout ", offer,) sight

Come when i have I want I should I want a Down

Steel and make his Kenta

(129 be of home has).

(2/19 m) " ; 1 como 12, 0 mil

and 1806 600 11 on the con sound of the 2

function Aguneus and return statement There are Jour tipes of arguments that were can provide in " Junction . · Default Argument: - we can provide a default value writte.

des creating a function. This way the function assumes a default value even if a value is not provided in the genetion call for that argument: Exampl: def name (frame, mhow 2" fermi), I naw 2 "kumas"); prist (" Doskello", Jnam, man, Inal) non ("Direst so (a) constituend to by propose def average [029, 62]): print (" The averag 15", (at 6)/2) dual lit accerts (1,5) # 27 will igness my value of 929, Keyword Arguments: we can provide argument with by a value this way my interprets. see co give the argument by me parameter mane, hence I the order in which hu argument are passed does not make. Example def nave (from, mnon, /non): print ("Hello", gran, man, I low) none (magni = "kumas", Inam z "Pordha", Inam z "Dives") dej aueroj (a 29, 621): prind (47m annay 15 " (a+ 6)/2) ausuge (629) 9221) # we can worth 6 at my place of against to coroll a organies in line

C

R

```
Required Argumens:
In cast we don't pass the arguments with a leng z value sentare then it is necessary to pass my argument in the cooled positional order over the number of argument is pared should match with actual collection
   actual algoritar.
   Ex! when normer of argument passed does not matily to the actual Junction depinition.
         def nave (fnor, mnow, (now):
                print ("Hello", Jnane, mman, Inane)
         naw ("per , "oull) and pulled it is soot in assigned.
      des averges (4,6,021)

problim averge is",
                                            Hure haul to value
                                           (a+1+c)(2)
       acting (5/1) are have to pass the value of a, 6
                                            retur samples (north)
     Variable length Arguments
                                             Cr astrop (5/5/7/1)
  in the actual function. This can be done using variable light
  Additiony to Argumis.
      def aug (* numbers ):
                                                single x = tuple.
          Nor I in may numbers :
           Sum = sum + i
          prod ("aus is z", sum/len (number))
      aug (1,5)
   Keyword Arbitrary Argumes.
  while creating a Junction I pay a & he for my parameter now. while deping the Junction. The Junction access my
       arguments by processing them in my formy dickerens
```

doubl & a Dichonay def nav (* * now): navi ["mnome "], nome ["Inon "]

of mer Closed uncertured;

to me actual flow com

Return Statement:

The return statemed is used to return the value of the expression lack to the Cally Junction.

name (mnow a. " Buch anon", Lonary " Barnes" of nows I's over ")

def averag (* numbers):

Sum 20

for i in numbers:

sum 2 bunti

retur sum/les (nunles)

Cz avergi (5,6,7,1)

print (C)

dif among tay to the

Def au (" menters)

Southern - was well to per

Tal 1 in south simples :

((20) 400) 44 and 2 2 50 Dong) - 1251

with country a perto of the are affect to passing our