```
1) Definisi & Spesifikasi
       Hasil: master - mhs
       of Hasil CM) menerima data bercipa tuple data yang berisi nama, nilai 1, nilai 2, dan nilai 3
        Serta SKS1, SKS2, SKS3 dan mengeluarkan informasi berupa data nama mahasiswa dan
        Statusnya y
        Name: master - P mhs
        Nilai 1: master - p integer [1.4]
        Nilaiz: master -> Integer [1.3]
        Nilai3: marter -> integer [1.4]
        SIXS1 master -> integer [1.3]
        SKS2: master -> integer [1.4]
        SKS3: master -> integer [1. 3]
        Make Mhs: string string - o mhs
     IP: integer, integer, integer, integer, integer, integer -> real
       of IP (Wilai 1, nilai 2, nilai 3, sks1, sks2, sks3) monorima data yaitu 6 integer yang tercliri dari
         3 milai dan 3 sks, lalu mongombalikan IP dongan rumus
         (Nilail x sks 1 + nilaid x sks 2 + nilai3 x sks 3)/( sks 1 + sks 2+ sks 3) 3
         Realisasi
          IP Cnilai1, nilai2, nilai3, sles 1, sks 2, sks 3):
              (nilai 1 x sks 1 + nilai 2 x sks 2 + nilai x sks 3)/( sks 1 + sks 2 + sk3)
          Hasil (M):
             Depend on IP ( Nilai 1(M), Nilai 2(M), Nilai 3(M), SKS 1 (M) SKS 2 (M), SKS 3 (M))
                  1P (Wilai1(M), Nilai2(M), Nilai3(M), SKS2(M), SKS2(M), SKS3(M)) > 3,4:
                      MakeMhs (Name (M), "DITERIMA")
                 IP (Nilai 2 0M), Nilai 2 0M), Nilai 3 (M), SKS 7 0M), SKS 2 (M), SKS 3 (M)) > 3:
                      MalaMhs (Name (M), "DIPERTIMBANGKAN")
                 1P(Nilai1(M), Nilai2(M), Nilai3(M), SKS1(M), SKS2(M), SKS3(M)) <3:
                      MakeMhs (Name (M), "DITOLAK")
       Aplikasi
           Hasil ( <" Heri", 3,3,4,2,3,3 > ) - < "Heri", "DIPERTIMBANGKAN">
           Marsil (<"EKO", 4,3,3,2,4,3>) -> <"EKO"," DITERIMA">
```

2) Rofinisi L Spesifikasi	Dofund of Spending
Got_The_Elmt: list -> integer	Hard: waster - whis
of Got-The-Elmt (L) menerima masukan list of integer positi	hif dan mengeluarkan bilangan Integer
tergantung para syarat:	
e) List Fosong, memberikan hasil -1100578	Statusaya S
e) List dongan elemen kurang dari Sama dengan A, memberikan t	
o) List dangan elemen lebih dari 4 dan junlahnya ganjil, memberikan nilan elemen ditengah	
·> List dong an elemen lebih dari A dan Jumlahnya genap, Memb	perikan hasil bagi Zelemen tengah S
3]	if which a return i for ci
Maxlist: List of integer tidak tosong - integer	
of Maxlist (L) momerima list of integer tidak toxong dan memberikan pilai elemen terbesar y	
	SYS 2 marker -> noting L
d Ambil Tengah (L) Mengembalikan nilai tengah dari list Ly	SUSS master - integer C
	- evinte entres : March
of PataTeronh (L) mengembalikan hilai hasil bagi 2 elemen tengah dari list L3	
misser in teach integer - real	ment negative and
Aplikasi) many reported when which a mirror (224, care, 1	Yeard (M) 1. min 2, min 3, as
Maxlist (L): zumm nymb gl neddeglagga	Stilled dan 5 clar, lolumo
if IsOne Elmt (1) then (2 + 2 + 2) (6 2) x 8 18 18 18	232 × 6 min + 1 232 × 1 min (4)
First Elmt (L)	
else	Resident.
max 2 (First Elmt (L), Max list (tail (L)))	12, 12/2, 20/10, 20/0, 10/0) 91
(675+75 545+1518)/(876) (876×10/10+7545×10/10+1545×10/10)	
Ambal Tengah (L):	
if Is One Elmt (L) then	: (M) [MOH
First Elmt (L)	Water (1) (1) no brough
else 12 5 < messis ancers (MISS) ancerda	TENNEY (AD LIDICO VI
Ambil Tongah (head (tail (L)))	MatelMin (Do
M), MM 3 (M), SPS T (M), SPS S (M), SPS S (M)) > 8:	usiato, (N) Torio) YI
Pote Toronh (L):	West) Suited Harriest
if (NoteInt (L)=2) then	ING. (NO EUR)GINI
(First Elmt (L) + Last Elmt (L))/2	o(1) sullinguist
else	Apulan
Pata Tengah (head (tail (L)))	
	S. E. D. C. C. Mark & J. Lewis
Get_The_Elmt (L):	44.6 64 23 27.60
Dapand On L	
1sEmpty CL): - 160578	
No Flot (L) EA: Maxust (L)	

```
(NbElint (L)>4) AND (NbElint (L) mod 2=1): Ambil Tengah (L)
          (NbElmt(L) >4) AND (NbElmt(L) mod 2 = 0): Pata Engah (L)
3) Definis 2 Spesifitasi
      Salin: List -> list
    of Salin (L) menerima sembarang list Latau list kosong L, menghasilkan list kosong apabila
    awalnya list kosong atau list berelomen genap Tilsa awalnya list berelomen y
   Realisasi
      Salin (L):
         Depend on
             Istmpty (L): L
             (First Elmt (L) mod 2 = 0):
                  Lonso (First Elmt (L), List Genap (Tail (L)))
             (First Elmt (L) mod 2 = 1):
                  List Gengo (Tail (L))
     Addikasi
        Salin ([2,3,5,4,9,12,11]) -> [2,4,12]
        Salin ([1,5,3,3,7,75]) -> []
        Salin ([2,6,4,8]) -> [2,6,4,8]
        Salin ([]) ->[7
```