Discreate math Assignent 1 Kamron Azimov 21SE021 (-1-7 Sum: = 0 for i: = 1 to n; Sum: = Sum + i + 1 (ai) return sum <-2-7 S - Sum : = 0 m - Sum : = a1 for i: = 1 to n-1; for j=1 to i+1: S-Sum: = S-S-Sum + Qj <-3 -> Input: a, n powered - n: =1 for i:21 to n powered -n: = powered _n·a return powered - n

Hamran Lessan

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C4->
product := 1
for i:=1 to n:
  product: = product . a;
return product
   <-5->
m - product = a,
s - product : = 0
for 0:=1 to n-1:
for i:=1 to 0+1:
     S-product := S-product + aj
m-product := m - product · S - product
s-product :=0
return m-product
  <-6->
product := 1
for i: = 1 to n:
  product := product · a:
                                 215E021
return product
```

max:=0 min := a, for i: =1 to n; if max Lai: max : = a i: if min zai: min:=ai: mean := (min + max)/2 return mean C-8-> toutong 8 = 1 to how o m-min = a, 1300 - 17 : 1000 for i:=+ to n: if min > a: m-min:=a: return m-min <-9-7 for i:= 1 to n: 21SE021 if a,=a; print a

4-10-> The following the party for i:=1 to n: if 7 = pi print pi (11-) Input: X 2 24 242 71 12 index := 0 1 6-10 32 NASS FO FO for n to 1: if x ≤an index :=n return index-1 C12-> if a1/a2/a3 < a2/a3/a, then swag (a, a2, a3) <13→ 47x (CC(x) 1 F(x) 1 7 D(x)) - 40 m do & €14> c) x = thing $\forall x (C(x) \land E(x))$ 21SE021

E) X2 tools Jx (7C(x)) A E(x))

- a) if there is a printer is both out of service and busy, then son job has been lost
- B) if every printer is busy, then the is a job in the queue.
- ← 16 → f) For every pair of students at your school, there is some cuisine about which they have the same

JX Vy TP(X,y) VYZTR(X,Y,Z) 21SEO21

€18>

a) for all recipriscal of pon-zero real numbers real, there is a number non-zero real that makes statement true

8) statement have we true value

c) same condition also makes the Statement true

Q(2;0) $\leftarrow 20 \Rightarrow$ $Q(x,y) \Rightarrow \neg Q(x,y)$

8) Yy (- Q/y) V]x R (x,y)

(b,x) 3 - R(x,y)

4) In 4m (n2>m)

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D)
$$\forall x \neg (F(x,y) \land F(x,z)) \neq = "Jerry"$$

Henrion (COLOR)