```
Hw: harbron of anello brome (2
 1) Sum of digits of a number:
  onum = 12345
                (2) P " austri) = (ial who).
  dum'=10", tolonoly) de lens as De", andles tring
  uehile num >0;
                  o) colubre Single interest.
      print = 2000
      vmw 1 = 70
  paint (" bum of digito:", bum)
if S==S[::2] indicate with the minutes with but (Y
   paint (s, "is a palintoane")
    point (S, "is not a palindonne")
3) Generate Fibonacii sovies aux to in desens.
  a, b = 0, 1 ("municiper extra) truss
  bori in range (n): 12-20 ber so co les
    paint Ca, end="(") union of a "d) thing
    a,b=b,a+b
4) Court the occurrences of a character in a strong:
   S="Hella world'its moderne neve le tust (8
   Court = s. court Caran)
   paint ("The davader", char, "occurs", court, "times")
```

S) Convert Colour to Farahait: 9) Sh alcuis= 30 batienheit = (calains 9/5)+32 عمها paint Calain, "" Cis aval to", Calmenheit, ""F") 6) calculate Simple interest: epaincipale = 1000 vade = 5 (mud l'aligib le mud ") ling time = 2 interest = Covincipal ode time)/soo paint ("beingle interest:", "interest) 7) Find the maximum of three orumbers vering point (5) " is a polintoson") if - else: a = 10 ("smoothed to part of (2) high b = 20C=30 if as=b and as=C: point (a, "is the maximum") elif b>=0; and b>=C: :(1) agree in it has paint (b," is the maximum") brown these paint (C, "in the morinum") 8) Paint all even numbers betieven & and so for i in vange (2,51,2): paint (i) (" The character", was " coccessed est") trus

, Je

6

9) check unhother a year is a leap year: year = 2020 if year 1.4 == 0 and (year 1/2001) =0 on year 1/400==0 paint (year, " is a loap year") Paint (year, "is not a loop year") so) Doint the multiplication taple of a number: for i in range (2,22)! Pount (num, "x", i "=", neum i) II) alculate the sum of all numbers in a list: numbers = [1, 2, 3, 4,5] dum = 0 for rum in numbers: Sum += num praint (" Dum of numbers:", bum)