

$$\left(\right) \quad 2 \quad \left(\right) \quad : \quad \frac{\text{int}(5 * \text{rnd}) + 1}{5} \quad (6)$$

(7)

() ()

Dim I, P as integer
P=
For I=1 to
 P=P*I
Next
Print P

Dim I, P as integer
P=1
For I=1 to
 P=P*I
Next
Print P*

() ()

Dim I, P as integer
P=1
I=1
While I < =
 I=I+1
 P=P*I
wend
Print P

Dim I, P as integer
P=1
I=0
Do
 I=I+1
 P=P*I
Loop until I > =
Print P

() :

(٨) صمم برنامجا لحساب وطباعة المجموع التالي $\sum_{n=3}^{22} n^3 - 4n$

$$f(x) = \begin{cases} x^2 - \sqrt{1+|x|} & : x \leq 0 \\ e^{2x+1} + \frac{x+1}{3-2x} & : 0 < x < 4 \\ \ln(5 + \tan^{-1}(x^2)) & : x \geq 4 \end{cases} \quad ()$$