	Upper Confidence Bound (UCB) Algorithm Step #1. At each round 11, we consider two numbers For each adj. Selections * N:(n) - the number of times the 20 was
	Step #1. At each round 1, we consider two numbers
	for each aci.
and on T	selections, add
MD61-4	* N:(n) - the number of times the 2 was
	selections * Ni(n) - the number of times the 20 was selected up to round M.
	013065
~ W-ot-1	* Rin - the sum of rewards of the ad
	enards * Ri(n) - the sum of rewards of the ada up to round 0
	Step#2. From these two numbers we compute:
	* the average reward of all up to round !
	$\frac{\overline{R}(n) - \frac{R(n)}{N(n)}}{N(n)}$
	$\mathcal{N}_{\mathbf{i}}(\Lambda)$
	* the confidence interval [ri(n)-Di(n), ri(n)+Di(n)
_	Stround Nouth:
	$\Delta_i(n) = \frac{3}{2} \frac{\log(n)}{2}$ 2 Ni(n)
	UJJ(N)

Step #3. We select the adithat has the maximum $U(B \rightarrow r_i(n) + \Delta_i(n))$