

Randomness

Purpose:

To show that true randomness can lead to long runs of the same allocation.

Equipment needed:

Means of flipping a coin

- A coin
- An online programme on a computer (e.g. www.random.org/coins set to 1 virtual coin and a particular coin type)
- An App on a mobile phone (e.g. <https://play.google.com/store/apps/details?id=com.ajas.coinflip>)

Poster to record answers

Task:

People flip a coin (either a real coin or electronically) and record the result, as “H” or “T” on a poster. The poster contains numbered boxes to make it easier to enter the letters in sequence.

FLIPPING THE COIN

Record H or T, after each coin is flipped

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200

