

N°	Matricule	Midterm	Bonus	Assiduité	Note d'examen
1	232332493505	11.25	1	5	19.5
2	232334041406	0,75		3.75	
3	232335017402	4		5	7.75
4	232333009217	9,5	0.5	5	17.75
5	232332075604	4,25	1	4.5	9
6	232333158816	10,75	0.5	5	17.75
7	232332277006			5	0.5
8	232332196617	4.75		5	11.5
9	232336149004	3		3	1.75
10	232332112003	10.25	3	5	14.25
11	232332224902	6.5	1.5	5	11.75
12	232335257702	6.5		5	
13	232335068618			5	
14	232332025102		1.25	5	8.5
15	232335030020	1.75		5	8.25
16	232335243917	1.25		5	5
17	232335257705	2.5		4	
18	232334005809	6.25		5	12
19	232333009418	10.75	2	5	13
20	232335344911	2		4	5.75
21	232338005808			0	
22	232335047016	6	1	5	5.25
23	232332513305	2.5		5	9.25
24	232335470607	1		4	5.25
25	232334111605	4.5		5	9
26	232331551007	6	0.5	4.5	7
27	232338090704	7		4.5	14.5
28	232333208505	2.5		4	11.5
29	232335412502	1			
30	232335394415	2		4	6
31	232337087402	1.5		4	2.5
32	232338285507	6.5	0.5	5	7.25
33	232333292808	7.5	1.75	5	11.25
34	232336170618	2	1	4.5	11.75
35	232331164020	1.5	0.75	5	9.25
36	232335393820	0.75			7.25
37	232333257305	6	1	5	12.5
38	232335473613	2.5		5	6
39	232333257315	4			8.25
40	232334118913	2.5		4.5	6
41	232339253609				
42	232335384407	4.5	1.25	5	8
43	232336245508				
44	232333235220	5.5		5	10.5
45	232336220715	0			5.75
46	232331132007	2		5	4
47	232338285608	5			8

48	232333265518	1			2.25
49	232331084717	2			5
50	232331624307	4.5	0.5	5	6.25
51	232332292117	2.5		5	
52	232333369112	5.25		5	3.5
53	232337275204	1		4.5	
54	232332406602	3		3	2.75
55	232331199417	1		4.5	7.5
56	232331571311	1.75	0.5	4.5	9.25
57	232332438903	2		5	4.25
58	232332439303	3		4.5	5.75
59	232332455906	1.75		4.5	6.5
60	232338358705	2		4	1.75
61	232332302818	4.25	1.5	4.5	11.25
62	232332289907	4.25		5	4.25
63	232331713418	4.75	0.5	5	4.25
64	232331215009	3	0.75	5	5.5
65	232333369012	4.75		4	6.75
66	232333429407	4.5	0.25	5	10.25
67	232332396807			4.5	
68	232332402101	5	0.5	5	8.5
69	232331619102	5.25	0.5	4.5	7.75
70	232332375620	0		1.5	
71	232335583620	5.5		4.5	4.25
72	232331223120	2.5	0.5	5	7.5
73	232335525201	3.25		5	7
74	232332438005	5.5	0.75	5	9
75	232339462801	5.25		4	7
76	232337577001	3.5		4.5	4.75
77	232331622314	5.5			6.25
78	232332542204	0	0.25		6
79	232331572413	3.5	0.5	5	12
80	232331394014	4.5		4.5	9.25
81	232338521215	5	0.5	5	4.75
82	232332529309	3			8
83	232332496717	6.5	1.75	5	16
84	232331353703	1		4.5	15
85	232331729214	8	2	5	7.75
86	232331546016	0.5		5	10.25
87	232336034907	1.75	1.75		4.25
88	232331453803	4.5		4.5	8
89	232332529113	2		5	3.75
90	232332529401	1.5		4.5	3.25
91	232331453017	2.5		4.5	3.25
92	232332407204				14.25
93	232334532407	2.5		5	0.75
94	23239DZA14394				0
95	232331454417	7	2.5	5	11.75

96	232331576512	4		5	4.5
97	232332504606	8		5	17.75
98	232331604019	4.5	0.75	5	7
99	232331371902	4	0.25	4.5	6
100	232331454318	6.5	0.5	5	9
101	232333151707	8	3	5	15.75
102	232333242305	3.5		4	2
103	232333051412	5		5	10.75
104	232333175508	8	0.5	5	13.75
105	232335076104	8	1.5	5	19
106	232332211613	4.5		4.5	7.75
107	232332057009	2		4	3.75
108	232334148602	4	0.75	4.75	3.75
109	232334138506	3.5		4	6.75
110	232335032802	3.5		4	5
111	232334010804	4		4	10
112	232334195619	3		4	10
113	232335026410	6		4.5	7.5
114	232335216101			4	
115	232335032920	7.5	1	4.75	11.5
116	232332159610	1.5		4	6.25
117	232335017403	4.5		4	10.75
118	232335265002				
119	232334039411	8.5	1	5	7
120	232333159617	1.5		4	6.25
121	232335257712	4.5		4	7.75
122	232335247704	5		4	14.5
123	232333157920	5	1	4	8.75
124	232339168808	2	1.75	4.5	6.5
125	232335325912	2.5		4	7.5
126	232337128508	1.5		4	3.25
127	232338079904				
128	232335331312	0.5		4	3
129	232339142105	2.25		4	2.25
130	232333265515	7.5	1	4.5	
131	232339180005				
132	232335427204				
133	232335417902	5.5		4.5	11.75
134	232333263014	4.5		4	5.25
135	232332460707	0.5		4	0.5
136	232335489208	4		4	11.5
137	232333263020	1		4	5.75
138	232335324808	4		4	6.25
139	232331093716	7	0.5	5	16.75
140	232334373908	1		4	4.75
141	232331262703	5		4	7
143	232331231303	1		4	6
144	232335330608	2	0.75	4	4.75

146	232333256413	6	1.25	4.5	10.75
147	232331045807	9	2.75	5	17.5
148	232334377411	3		4.75	10.5
150	232336143006	1.5		4	
151	232336131902	1.25		5	2.5
152	232332319910	7.5	0.75	5	11.5
153	232332584712	6.5	3	5	15.75
154	232333424903	3.75		4	7
155	232333398417	7.5		4.5	9
156	232332319909	2		5	4
157	232333368507	4.5		5	9.5
158	232335503920	2.5	0.25	5	8.5
159	232332363507	3.5		5	9.25
160	232335528105	4.5		5	8.5
161	232337391713	0.75		4	
162	232332292702	3.5		3	0.75
163	232332239302	11.5	1	5	14.25
164	232331271701	1.75	1	4	5.25
165	232335474809	11.25	0.75	5	17
166	232332138703				
167	232339317808	3.5	0.5	5	11.25
168	232338177802	7.75		5	7.75
169	232336276120	2		4.5	6.5
170	232332301519	8.75	1	5	11
171	232331454606	4.5		5	9
172	232338419603	8	1	5	12.5
173	232331499719				5.5
174	232331640419	2.5		4.5	3.5
175	232331707207	5		5	8.25
176	232339462710	4		4	5.25
177	232331387804	1		4	
178	232332138704	11	0.25	5	15
179	232337560105	1.5		5	0
180	232331691807	4.5		5	3.5
181	232337525519	1		4	2.75
182	232339468308	4		4.5	3.5
183	232331633618	2.5	0.25	4.5	3
184	232331650519	3		4.5	10.5
185	232331623408	3.5		5	5
186	232339549202	4.88		4	6.5
187	232331624107	3.5		4.5	4
188	232331634717	3		4.5	6.25
189	232331650914	1.5		4	6.5
190	232331387912	5.5	1.25	5	13.25
191	232331716615	3.5	0.5	5	6
192	232331572304	4.5		5	6.5
193	232331649914	2.5	0.75	4.5	8.75
194	232336219913	2		4.5	6.75