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1 C:\Users\Mayank\PycharmProjects\Python_Projects\venv\
Scripts\python.exe C:/Users/Mayank/PycharmProjects/
Python_Projects/bmi_analysis.py
2 Average height of people in the city is:  1.
7489820359281438 mts.
3 Average weight of people in the city is:  61.
41055888223553 kg.
4 Height of middle person of the city is:  1.75 mts.
5 Weight of the middle person of the city is:  61.98 kg.
6 The correlation between height and weight is:  [[1
.      0.00130444]
7 [0.00130444 1.      ]]
8 The standard deviation of height is:  0.19448473732029878
9 The standard deviation of weight is:  14.881841541680336
10 The body mass index of people in the city are:  [17.
15844525 27.56584069 34.26378816 19.8069386 17.65302486
21.29923042
11 13.48163739 21.67049757 14.85338593 20.32841987 41.
18923611 24.27471384
12 9.06      21.41935484 16.35802469 18.01181378 26.
94376692 20.69927159
13 27.51714678 25.25249337 39.05482042 16.48695764 16.
27499039 25.14603083
14 40.86145405 34.27348395 26.61157779 12.68      17.
56408163 19.90011436
15 24.71803079 12.5713929 35.5554513 13.11756812 12.
91866029 26.96997409
16 17.8008781 20.15569749 26.27734375 21.69613544 27.
55968595 23.79048259
17 23.55618996 12.62171484 21.13443358 20.83638749 17.
2066362 23.03125
18 14.02698864 24.3064887 22.57956573 26.02168189 16.
87111111 22.36056858
19 14.36656393 28.01292114 29.08510343 22.15838361 8.
42975207 29.24091936
20 13.77      17.79554959 34.75155817 26.02728468 30.
74122055 29.03934559
21 28.2677551 20.1498547 18.57084911 13.49469587 16.
87315089 45.3684573
22 20.58300303 22.69562272 32.58673469 14.52622873 19.
01938142 29.95111111
23 11.24702558 21.96604938 13.03144102 24.66173734 54.
42412259 20.79058856
24 13.79276542 22.18209877 21.58906997 22.93148498 21.
70035672 12.49070039

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25	18.84321887	19.01497018	17.82010485	19.22720893	17.28638531	10.78070281	
26	9.2396447	29.72320499	32.6621702	16.1930344	24.3496358	21.17578125	
27	18.83629191	20.92243767	25.20195092	30.54079273	25.33222227	7.34672921	
28	22.41258643	28.5078125	26.22666667	13.90045814	12.39836735	10.755	
29	21.46267361	21.44240702	23.04431886	18.28367354	28.26690589	19.01836438	
30	17.17731966	14.49609375	20.63306861	11.74120658	13.06228374	29.13061114	
31	28.40226306	15.93460429	32.09055134	17.62026239	12.84337728	25.47902453	
32	24.51643527	21.28775896	20.43709826	11.27691052	20.98002329	19.87304688	
33	37.55119567	23.34299371	16.82203746	12.33554708	22.21107266	24.26840421	
34	25.10446671	37.52757544	27.66682204	21.80244898	26.40109004	12.039239	
35	18.33370461	19.29911481	13.03393121	19.71657619	12.03558475	12.00769579	
36	20.4617595	12.89827155	14.11439842	22.03618688	22.58010625	27.05402787	
37	23.07328286	10.23423508	14.73959184	24.58150957	19.95054963	24.06196327	
38	24.33610781	19.5154649	24.45824941	16.45793951	20.40816327	15.63089338	
39	24.51325041	38.05413232	18.43209877	24.88109394	16.49315883	19.05227639	
40	29.33026133	10.3042055	18.45687133	29.26308295	19.33518006	24.87730518	
41	16.23974693	26.99770146	18.83111681	19.55068527	14.8952908	62.88088643	
42	18.10257394	20.94172737	18.91860997	13.00521207	15.91898786	22.23147763	
43	11.38694812	14.24943311	14.139115	25.72406648	13.40349865	15.45987654	
44	16.83621693	15.78795236	32.32248521	24.6918146	33.51441074	15.58560484	
45	16.82044851	21.60367105	17.0174472	32.08595347	15.74193548	25.55401662	
46	19.25499792	21.39210285	41.62808642	33.26991677	37.75896636	22.67980348	
47	10.81481481	15.22130395	16.92040017	27.13490424	18.		

47	47337825	12.2240733	
48	25.54563492	11.63578645	23.64359862 8.39814815 25.40756157 32.41295437
49	19.47476548	25.92652376	13.203125 10.47179778 14.79552926 13.5625
50	15.13034131	29.55455856	16.18439022 26.34300488 19.53362977 25.37368689
51	17.93443487	29.06057099	39.69560048 9.53435762 12.36897959 25.58477555
52	19.06887755	16.82980278	24.34530741 29.14187983 13.867536.99936427
53	27.07741655	24.38464877	26.72959201 12.42636061 27.62975779 41.68418994
54	29.00642792	9.6526343	19.25408343 10.29506715 13.37720834 16.99342586
55	20.42229666	16.34156237	15.42937613 9.7191358 24.95500459 28.78007221
56	24.94422963	16.8117539	22.26032617 22.8117284 29.63905092 18.41542375
57	20.24074074	15.72544138	17.96431947 17.18077098 13.31989586 15.41333333
58	14.55891927	38.2013511	20.05218655 20.97439236 21.44996411 20.68051965
59	44.91579745	18.59128986	17.30898466 7.96092235 17.76653061 20.44477139
60	32.81022081	27.08360032	15.29571012 25.26953125 16.0683316 14.14463112
61	7.14406971	19.21187565	32.00692042 27.8380102 8.22062553 12.50565867
62	13.07034845	18.16975309	17.64023809 19.38890754 15.36511715 16.05755126
63	21.93127555	15.68196615	19.29881198 17.96410762 29.83590963 20.93977634
64	16.55880178	20.30003469	18.39582093 17.64 11.10849279 15.9527113
65	17.00023389	12.42564623	11.16015625 32.0926192 17.53994706 16.70179394
66	15.16131685	25.79414986	17.2534265 18.21636818 21.44408433 13.82915639
67	24.66976339	29.9642928	12.41271949 8.30221201 27.93553689 14.04266811
68	27.48995902	20.31194375	24.1373414 20.28990582 18.29477502 21.56235853
69	28.87743925	13.98865784	30.91672438 26.28734722 19.92927419 33.49993058

70	14.74945215	26.93472992	12.48117539	16.66881393	19.33172086	18.45364892	
71	16.23046875	18.06282048	21.80473819	15.31290721	33.15876039	27.18324746	
72	40.10796046	14.27682209	22.06889639	19.39590364	29.90666667	29.09609969	
73	17.82471176	20.05879244	24.92378336	22.77508651	13.7199211	23.51231247	
74	17.71335857	14.53528821	32.08385395	22.32963989	22.67622352	22.23375355	
75	20.91135734	25.72501487	14.64861998	19.93469388	23.92578125	12.15146906	
76	15.41360841	28.39207451	25.27117769	23.85307118	11.41296577	13.06880722	
77	20.82176066	22.9144132	17.34599421	29.99736535	24.04280514	13.99079553	
78	11.03896104	20.30218878	10.49313341	21.28460091	7.02040816	15.64061359	
79	27.4765625	15.23984894	16.97964888	9.57111574	23.07915806	33.09693878	
80	18.40317826	21.49754419	16.33810965	21.79614216	24.29454448	20.82123469	
81	24.25703635	13.13433488	26.07924077	11.25115731	21.8339694	8.10667438	
82	17.3975	20.25234289	17.97337278	23.75701005	16.53795672	15.99229895	
83	23.81634527	20.64321427	24.17283951	15.95442547	21.9018119	19.67020408	
84	7.25845064	23.27609519	20.68698347	15.03080213	25.63699277	16.61933242	
85	21.27684823	7.44423542	9.65440538	34.50887574	20.55439935	10.95461659	
86	18.96915722	20.31673469	25.1641014	27.36391343	23.3102657	25.28651141	
87	30.58404102	20.80968482	19.29554287	20.7201889	16.22323748	25.46433268	
88	10.55363322	16.4743291	32.02406706	13.89098849	20.83548554	17.3311471	
89	31.33749368	23.50390625	24.09934259	22.9862259	11.05632653	24.75975514	
90	18.3972153	15.30572805	18.2800789	19.22222222	21.01304236	13.64569496	
91	12.17402407	17.31431053	22.15571089	17.21244524	27.55842648	29.63069361	
92	23.08518349	22.0702867	25.53225446	15.61410123	41.		

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92 15144805 22.17616213  
93 11.22050383 20.6530981 34.82084155]  
94  
95 Process finished with exit code 0  
96
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