Usage for functions:

S.No.	Name of the Function	Function call
1	Amino-acid Composition	aac_wp(inputfile,outputfile)
2	Amino-acid Composition of N-Terminal	aac_nt(inputfile,outputfile,number)
3	Amino-acid Composition of C-Terminal	aac_ct(inputfile,outputfile,number)
4	Amino-acid Composition of Rest	aac_rt(inputfile,outputfile,number1,number2)
5	Amino-acid Composition of split	aac_st(inputfile,outputfile,number)
6	Dipeptide Composition	dpc_wp(inputfile,outputfile,order)
7	Dipeptide Composition of N-Terminal	dpc_nt(inputfile,outputfile,number,order)
8	Dipeptide Composition of C-Terminal	dpc_ct(inputfile,outputfile,number,order)
9	Dipeptide Composition of Rest	dpc_rt(inputfile,outputfile,number1,number2,order)
10	Dipeptide Composition	dpc_st(inputfile,outputfile,lambda,number_of_splits)
11	Atom Composition	atc_wp(inputfile,outputfile)
12	Atom Composition of N-Terminal	atc_nt(inputfile,outputfile,number)
13	Atom Composition of C-Terminal	atc_ct(inputfile,outputfile,number)
14	Atom Composition of Rest	atc_rt(inputfile,outputfile,number1,number2)
15	Atom Composition of split	atc_st(inputfile,outputfile ,number)
16	Bond Composition	boc_wp(inputfile,outputfile)
17	Bond Composition of N-Terminal	boc_nt(inputfile,outputfile,number)
18	Bond Composition of C-Terminal	boc_ct(inputfile,outputfile,number)
19	Bond Composition of Rest	boc_rt(inputfile,outputfile,number1,number2)
20	Bond Composition of split	boc_st(inputfile,outputfile ,number)
21	Atom & Bond	abc_wp(inputfile,outputfile)
22	Atom & Bond of N-Terminal	abc_nt(inputfile,outputfile,number)
23	Atom & Bond of C-Terminal	abc_ct(inputfile,outputfile,number)
24	Atom & Bond of Rest	abc_rt(inputfile,outputfile,number1,number2)
25	Atom & Bond	abc_st(inputfile,outputfile ,number)
26	Physicochemical Property composition	pcp_wp(inputfile,outputfile)
27	Physicochemical Property composition of N-Terminal	pcp_nt(inputfile,outputfile,number)
28	Physicochemical Property composition of C-Terminal	pcp_ct(inputfile,outputfile,number)
29	Physicochemical Property composition of rest	pcp_rt(inputfile,outputfile,number1,number2)
30	Physicochemical Property composition of split	pcp_st(inputfile,outputfile ,number)
31	Repetitive Residue Information	rri_wp(inputfile,outputfile)
32	Repetitive Residue Information of N-Terminal	rri_nt(inputfile,outputfile,number)
33	Repetitive Residue Information of C-Terminal	rri_ct(inputfile,outputfile,number)
34	Repetitive Residue Information of Rest	rri_rt(inputfile,outputfile,number1,number2)
35	Repetitive Residue Information	rri_st(inputfile,outputfile ,number)
36	Distance Distribution of Residues	ddor_wp(inputfile,outputfile)
37	Shannon Entropy of Physicochemical Property	sep_wp(inputfile,outputfile)

38	Shannon Entropy of Physicochemical Property for C-Terminal	sep_ct(inputfile,outputfile,number)
39	Shannon Entropy of Physicochemical Property for N-Terminal	sep_nt(inputfile,outputfile,number b)
40	Shannon Entropy of Physicochemical Property for Rest	sep_rt(inputfile,outputfile,number1,number2)
41	Shannon Entropy of Physicochemical Property	sep_st(inputfile,outputfile,number)
42	Autocorrelation	acr_wp(inputfile,outputfile,lag)
43	Autocorrelation of C-Terminal	acr_ct(inputfile,outputfile,number,lag)
44	Autocorrelation of N-Terminal	acr_nt(inputfile,outputfile,number,lag)
45	Autocorrelation of Rest	acr_rt(inputfile,outputfile,number1,number2,lag)
46	Autocorrelation of split	acr_st(inputfile,outputfile,number,lag)
47	Pseudo Amino-acid Composition	paac_wp(inputfile,outputfile,lamda,weight)
48	Pseudo Amino-acid Composition of N-Terminal	paac_nt(inputfile,outputfile,number,lamda,weight)
49	Pseudo Amino-acid Composition of C-Terminal	paac_ct(inputfile,outputfile,number,lamda,weight)
50	Pseudo Amino-acid Composition of Rest	paac_rt(inputfile,outputfile,number1,number2,lamda,weight)
51	Pseudo Amino-acid Composition of split	paac_st(inputfile,outputfile,lambda,number)
52	Amphiphilic Pseudo Amino-acid Composition	apaac_wp(inputfile,outputfile,lamda,weight)
53	Amphiphilic Pseudo Amino-acid Composition of N-Terminal	apaac_nt(inputfile,outputfile,number,lamda,weight)
54	Amphiphilic Pseudo Amino-acid Composition of C-Terminal	apaac_ct(inputfile,outputfile,number,lamda,weight)
55	Amphiphilic Pseudo Amino-acid Composition of Rest	apaac_rt(inputfile,outputfile,number1,number2,lamda,weight)
56	Amphiphilic Pseudo Amino-acid Composition of split	apaac_st(inputfile,outputfile,number1,number2,lamda,weight)
57	Quasi-Sequence Order	qos_wp(inputfile,outputfile,gap,weight)
58	Quasi-Sequence Order of C-Terminal	qos_ct(inputfile,outputfile,gap ,number,weight)
59	Quasi-Sequence Order of N-Terminal	qos_nt(inputfile,outputfile,gap,number ,weight)
60	Quasi-Sequence Order of Rest	qos_rt(inputfile,outputfile,gap,number1,number2 ,weight)
61	Quasi-Sequence Order of split	qos_st(inputfile,outputfile ,gap,number_of_splits,weight)
62	Sequence Order Coupling	soc_wp(inputfile,outputfile,gap)
63	Sequence Order Coupling for C-Terminal	soc_ct(inputfile,outputfile,gap ,number)
64	Sequence Order Coupling for N-Terminal	soc_nt(inputfile,outputfile,gap,number)
65	Sequence Order Coupling for Rest	soc_rt(inputfile,outputfile,gap,number1,number2)
66	Sequence Order Coupling of split	soc_st(inputfile,outputfile ,gap,number_of_splits)
67	Binary Profile of amino acid	bin_aa_wp(inputfile,outputfile)
68	Binary Profile of C-Terminal of amino acid	bin_aa_ct(inputfile,outputfile,number)
69	Binary Profile of N-Terminal amino acid	bin_aa_nt(inputfile,outputfile,number)
70	Binary Profile of rest of amino acid	bin_aa_rt(inputfile,outputfile,number1,number2)
71	Binary Profile of split of amino acid	bin_aa_st(inputfile,outputfile,number)
72	Binary Profile of Dipeptide	bin_di_wp(inputfile,outputfile,order)

73	Binary Profile of C-Terminal of Dipeptide	bin_di_ct(inputfile,outputfile,number,order)
74	Binary Profile of N-Terminal of Dipeptide	bin_di_nt(inputfile,outputfile,number,order)
75	Binary Profile of rest of Dipeptide	bin_di_rt(inputfile,outputfile,number1,number2,order)
76	Binary Profile of split of Dipeptide	bin_di_st(inputfile,outputfile,lag,number_of_splits)
77	Binary Profile of atom	bin_at_wp(inputfile,outputfile)
78	Binary Profile of C-Terminal of atom	bin_at_ct(inputfile,outputfile,number)
79	Binary Profile of N-Terminal of atom	bin_at_nt(inputfile,outputfile,number)
80	Binary Profile of rest of atom	bin_at_rt(inputfile,outputfile,number1,number2)
81	Binary Profile of split of atom	bin_at_st(inputfile,outputfile ,number_of_splits)
82	Binary Profile of bond	bin_bo_wp(inputfile,outputfile)
83	Binary Profile of C-Terminal of bond	bin_bo_ct(inputfile,outputfile,number)
84	Binary Profile of N-Terminal of bond	bin_bo_nt(inputfile,outputfile,number)
85	Binary Profile of rest of bond	bin_bo_rt(inputfile,outputfile,number1,number2)
86	Binary Profile of split of bond	bin_bo_st(inputfile,outputfile ,number_of_splits)
87	Binary Profile of atom & bond	bin_ab_wp(inputfile,outputfile)
88	Binary Profile of C-Terminal of atom & bond	bin_ab_ct(inputfile,outputfile,number)
89	Binary Profile of N-Terminal of atom & bond	bin_ab_nt(inputfile,outputfile,number)
90	Binary Profile of rest of atom & bond	bin_ab_rt(inputfile,outputfile,number1,number2)
91	Binary Profile of split of atom & bond	bin_ab_st(inputfile,outputfile ,number_of_splits)
92	Conjoint Triad Calculation	ctc_wp(inputfile,outputfile)
93	Conjoint Triad Calculation for C-Terminal	ctc_ct(inputfile,outputfile,number)
94	Conjoint Triad Calculation for N-Terminal	ctc_nt(inputfile,outputfile,number)
95	Conjoint Triad Calculation for Rest	ctc_rt(inputfile,outputfile,number1,number2)
96	Conjoint Triad Calculation for split	ctc_st(inputfile,outputfile,number)
97	Composition enhanced Transition Distribution	ctd_wp(inputfile,outputfile)
98	Composition enhanced Transition Distribution of N-Terminal	ctd_nt(inputfile,outputfile,number)
99	Composition enhanced Transition Distribution of C-Terminal	ctd_ct(inputfile,outputfile,number)
100	Composition enhanced Transition Distribution of Rest	ctd_rt(inputfile,outputfile,number1,number2)
101	Composition enhanced Transition Distribution	ctd_st(inputfile,outputfile ,number)
102	Shannon Entropy of Residue Level	ser_wp(inputfile,outputfile)
103	Shannon Entropy of Residue Level for N-Terminal	ser_nt(inputfile,outputfile,number)
104	Shannon Entropy of Residue Level for C-Terminal	ser_ct(inputfile,outputfile,number)
105	Shannon Entropy of Residue Level for Rest	ser_rt(inputfile,outputfile,number1,number2)
106	Shannon Entropy of Residue Level for split	ser_st(inputfile,outputfile ,number)
107	Shannon Entropy	se_wp(inputfile,outputfile)

108	Shannon Entropy of N-Terminal	se_nt(inputfile,outputfile,number)
109	Shannon Entropy of C-Terminal	se_ct(inputfile,outputfile,number)
110	Shannon Entropy of rest	se_rt(inputfile,outputfile,number1,number2)
111	Shannon Entropy of split	se_st(inputfile,outputfile ,number)
112	Tripeptide Composition	tpc_wp(inputfile,outputfile)
113	Binary Profile of Physicochemical Property	bin_pc_wp(inputfile,outputfile)
114	Binary Profile of Physicochemical Property of N-Terminal	bin_pc_nt(inputfile,outputfile,number)
115	Binary Profile of Physicochemical Property of C-Terminal	bin_pc_ct(inputfile,outputfile,number)
116	Binary Profile of Physicochemical Property of rest	bin_pc_rt(inputfile,outputfile,number1,number2)
117	AAIndex for whole sequence	aai_wp(inputfile,outputfile)
118	AAIndex of N-Terminal	aai_nt((inputfile,outputfile,number)
119	AAIndex of C-Terminal	aai_ct(inputfile,outputfile,number)
120	AAIndex of Rest	aai_rt(inputfile,outputfile,number1,number2)
121	AAIndex of split	aai_st(inputfile,outputfile ,number)
122	Binary Profile of AAIndex	bin_aai_wp(inputfile,outputfile)
123	Binary Profile of AAIndex of N-Terminal	bin_aai_nt(inputfile,outputfile,number)
124	Binary Profile of AAIndex of C-Terminal	bin_aai_ct(inputfile,outputfile,number)
125	Binary Profile of AAIndex of rest	bin_aai_rt(inputfile,outputfile,number1,number2)
126	PSSM Normalization using method 1	pssm_n1(inputfile,outputfile)
127	PSSM Normalization using method 2	pssm_n2(inputfile,outputfile)
128	PSSM Normalization using method 3	pssm_n3(inputfile,outputfile)
129	PSSM Normalization using method 4	pssm_n4(inputfile,outputfile)
130	PSSM Composition	pssm_comp(inputfile,outputfile)
131	Binary profiles for patterns	pat_bin(inputfile,window_size,outputfile)
132	Patters for csv file	pat_csv(inputfile,window_size,outputfile)
133	Patters for strings	pat_str(inputfile,windowsize,extension,outputfile)
134	Patterns for Standard Physicochemical properties composition	pat_pcc(inputfile,windowsize,outputfile)
135	Patterns for amino acid index composition	pat_aai(inputfile,file_of_amino_acid_indices,window_size, outputfile)