

Already implemented test cases

Type	Behaviour Observed
Arguments of the type "-f -s"	The program throws "Argument Error", as no value is given for s.
Argument of the type "-j"	The program throws "Argument Error", as j is not defined as a part of schema.
Argument of the type "-p *"	The program doesn't throw any error, but while printing stringArray displays [build] in place of [*].
Arguments of the type "-x -foo"	The program throws "Argument Error", as x is not defined as a part of schema and foo is not a valid argument.
Arguments ending with "&"	The program runs as background process.
Argument of the type "-f s Bob"	The program will set value of f as true, but s will be set to default value.

Implemented features

Argument type	Behaviour
"-f -sn Aditya 48"	The program was initially setting value of f as true, s as Aditya and n as 48. Functionality after Modification: The program throws "Unexpected Argument" error on giving above input Modifications made: Implemented a check inside parseArgumentStrings method of "StringArgumentParser.java", to check that string length after "-" is 1.
"-foo"	Functionality after Modification: The program throws "Unexpected Argument" error on giving above input. Modifications made: Implemented a check inside parseArgumentStrings method of "StringArgumentParser.java", to check that string length after "-" is 1.
"\$" (Single Character)	The program was initially not giving any error, but setting everything to default value. Functionality after Modification: The program throws Unexpected Argument error on giving above input. Modifications made: Implemented a check inside parseArgumentStrings method of "StringArgumentParser.java", to check that string argument string should start with "-".
"—" (Double Hyphen)	The program was initially setting value default values for all variables. Functionality after Modification: The program throws Unexpected Argument error on giving above input. Modifications made: Implemented a check inside parseArgumentStrings method of "StringArgumentParser.java", to check that string length after "-" is 1 and argument should be valid.
"- "(Double Hyphen with spaces)	The program was initially setting value default values for all variables. Functionality after Modification: The program throws Unexpected Argument error on giving above input. Modifications made: Implemented a check inside parseArgumentStrings method of "StringArgumentParser.java", to check that string length after "-" is 1 and argument should be valid.