



Data Structures & Algorithms Master Course [Supreme Bat...

[Previous](#) [Complete and Continue](#)

If we talk about unsigned char, then the value range is 0 to 255 and If we talk about signed char then the range is -128 to 127.

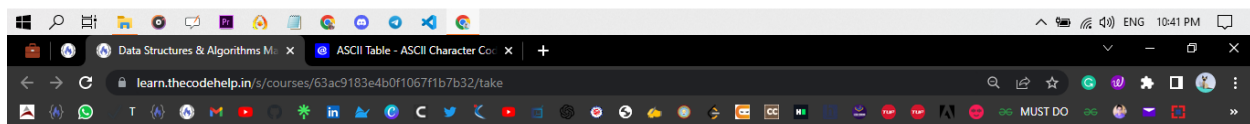
The Question is what does vaues from [-128 to 0] represent and are they same as values in range [128 to 255] in case of unsigned chars ?

Solution: We can clearly see the value to character using the below links.

For Range 0 to 127: [Check this Out](#)

for Range 128 to 255:

128 Ç
129 ü
130 é
131 à
132 á
133 â
134 ä
135 ç
136 è
137 e
138 ê
139 ì
140 í
141 ï
142 Ä
143 Å



Data Structures & Algorithms Master Course [Supreme Bat...

[Previous](#) [Complete and Continue](#)

143 Å
144 Ê
145 æ
146 Æ
147 ô
148 ö
149 ø
150 ù
151 û
152 ý
153 Ö
154 Ù
155 €
156 £
157 ¥
158 ₧
159 ₣
160 à
161 í
162 ó
163 ù
164 ñ
165 Ñ
166 º





Data Structures & Algorithms Master Course [Supreme Bat...

[Previous](#) [Complete and Continue](#)

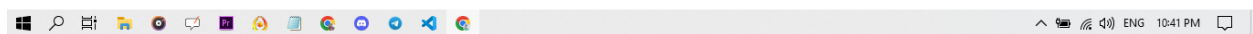
166 ^a
167 ^a
168 ₂
169 [←]
170 [→]
171 ^½
172 ^¼
173 _j
174 [«]
175 [»]
176 _⋮
177 _⋮
178 _⋮
179 _|
180 _|
181 _|
182 _|
183 _|
184 _|
185 _|
186 _|
187 _|
188 _|
189 _|



Data Structures & Algorithms Master Course [Supreme Bat...

[Previous](#) [Complete and Continue](#)

189 _|
190 _|
191 _|
192 _|
193 _|
194 _|
195 _|
196 _|
197 _|
198 _|
199 _|
200 _|
201 _|
202 _|
203 _|
204 _|
205 _|
206 _|
207 _|
208 _|
209 _|
210 _|
211 _|
212 _|
...

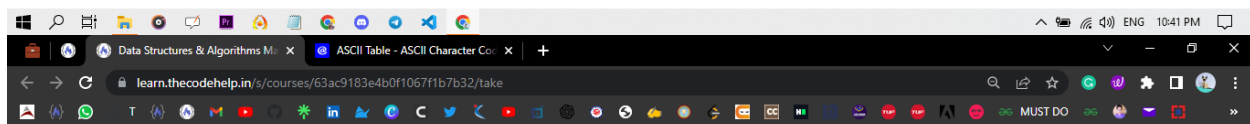




Data Structures & Algorithms Master Course [Supreme Bat...

[Previous](#) [Complete and Continue](#)

212 k
213 f
214 r
215 t
216 +
217 j
218 r
219
220
221
222
223
224 α
225 β
226 Γ
227 π
228 ζ
229 σ
230 μ
231 τ
232 ϕ
233 ϑ
234 Ω
235 δ
...



Data Structures & Algorithms Master Course [Supreme Bat...

[Previous](#) [Complete and Continue](#)

235 δ
236 ∞
237 φ
238 ε
239 ρ
240 ≡
241 ±
242 ≥
243 ≤
244 [
245]
246 ~
247 ≈
248 *
249 ·
250 -
251 √
252 ^
253 ^
254 ■
255

For Negative Range [-128 to -1]:

-128 Ç





Data Structures & Algorithms Master Course [Supreme Bat...

[< Previous](#)[Complete and Continue >](#)

254
255

For Negative Range [-128 to -1]:

-128 Ç
-127 ü
-126 é
-125 ä
-124 ä
-123 ä
-122 ä
-121 ç
-120 é
-119 é
-118 é
-117 î
-116 î
-115 ì
-114 Ä
-113 Ä
-112 É
-111 æ
-110 Æ



Data Structures & Algorithms Master Course [Supreme Bat...

[< Previous](#)[Complete and Continue >](#)

-110 Æ
-109 ö
-108 ö
-107 ö
-106 ù
-105 ù
-104 ý
-103 Ö
-102 Ü
-101 €
-100 £
-99 ¥
-98 ₧
-97 ð
-96 á
-95 í
-94 ó
-93 ú
-92 ñ
-91 Ñ
-90 º
-89 º
-88 ð
-87 ¸
86 ~





Data Structures & Algorithms Master Course [Supreme Bat...

[< Previous](#) [Complete and Continue >](#)

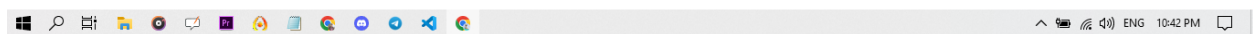
-87 ~
-86 ~
-85 ½
-84 ¼
-83 i
-82 «
-81 »
-80 ≡
-79 ≡
-78 ≡
-77 |
-76 †
-75 †
-74 †
-73 †
-72 †
-71 †
-70 †
-69 †
-68 †
-67 †
-66 †
-65 †
-64 †
-63 †



Data Structures & Algorithms Master Course [Supreme Bat...

[< Previous](#) [Complete and Continue >](#)

-67 #
-66 †
-65 †
-64 †
-63 †
-62 †
-61 †
-60 †
-59 †
-58 †
-57 †
-56 †
-55 †
-54 †
-53 †
-52 †
-51 †
-50 †
-49 †
-48 †
-47 †
-46 †
-45 †
-44 †
-43 †





Data Structures & Algorithms Master Course [Supreme Bat...

[Previous](#) [Complete and Continue](#)

-44
-43
-42
-41
-40
-39
-38
-37
-36
-35
-34
-33
-32
-31
-30
-29
-28
-27
-26
-25
-24
-23
-22
-21
-20



Data Structures & Algorithms Master Course [Supreme Bat...

[Previous](#) [Complete and Continue](#)

-2
-20
-19
-18
-17
-16
-15
-14
-13
-12
-11
-10
-9
-8
-7
-6
-5
-4
-3
-2
-1

It is clearly visible that the range 0 to 127 contains normal characters in both the signed and unsigned cases but [-128 to -1] range and [128 to 255] range contains "extended characters" as visible in the list attached above.

