

TEJ4M - ASCII Exercise

Below is a question that is in ASCII code. Using the provided ASCII translation table, translate the question and answer it in the area provided.

#1

01000111 01101111 01101100 01100100 01100101 01101110 00100000 01000001 01110010 01100011
01101000 01100101 01110011 00100000 01000110 01101111 01101111 01100100

Question: Golden Arches Food (McDonalds) Answer: McDonalds

#2

01000011 01101000 01101001 01101100 01100100 01110010 01100101 01101110 00100111 01110011
00100000 01010100 01010110 00100000 01010011 01101000 01101111 01110111

Question: Children's TV Show Answer: PAW Patrol

#3

01000011 01100101 01101100 01101100 00100000 01010000 01101000 01101111 01101110 01100101
00100000 01001101 01100001 01101011 01100101 01110010

Question: Cell Phone Maker Answer: Apple

#4

01001111 01101110 01100101 00100000 01101111 01100110 00100000 01010011 01100001 01101110
01110100 01100001 00100111 01110011 00100000 01010010 01100101 01101001 01101110 01100100
01100101 01100101 01110010

Question: One of Santa's Reindeer Answer: Dasher

#5

01010011 01110000 01101111 01110010 01110100 01110011 00100000 01001101 01100001 01100111
01100001 01111010 01101001 01101110 01100101

Question: Sports Magazine Answer: Athlon Sports

#6

01000010 01110010 01100001 01110110 01100101 00100111 01110011 00100000 01010011 01110100
01100001 01100100 01101001 01110101 01101101

Question: Brave's Stadium Answer: Turner Field

#7

01000100 01101001 01110011 01101110 01100101 01111001 00100000 01010111 01101111 01110010
01101100 01100100 00100000 01000011 01101001 01110100 01111001

Question: Disney World City Answer: Orlando

#8

01000100 01110010 00101110 00100000 01000100 01101111 01101111 01101100 01101001 01110100
01110100 01101100 01100101 00100000 01000001 01100011 01110100 01101111 01110010

Question: Dr. Doolittle Actor Answer: Eddie Murphy

#9

01000010 01101001 01100111 00100000 01000111 01110010 01100101 01100101 01101110 00100000
01001111 01100111 01110010 01100101

Question: Big Green Ogre Answer: Shrek

Answers:

- #1 – Golden Arches Food (McDonalds)
- #2 – Children’s TV Show
- #3 – Cell Phone Maker
- #4 – One of Santa’s Reindeer
- #5 - Sports Magazine
- #6 – Brave’s Stadium (Turner Field)
- #7 – Disney World City (Orlando)
- #8 – Dr. Doolittle Actor (Eddie Murphy)
- #9 – Big Green Ogre (Shrek)

ASCII Table and Description

ASCII stands for American Standard Code for Information Interchange. Computers can only understand numbers, so an ASCII code is the numerical representation of a character such as 'a' or '@' or an action of some sort. ASCII was developed a long time ago and now the non-printing characters are rarely used for their original purpose. Below is the ASCII character table and this includes descriptions of the first 32 non-printing characters. ASCII was actually designed for use with teletypes and so the descriptions are somewhat obscure. If someone says they want your CV however in ASCII format, all this means is they want 'plain' text with no formatting such as tabs, bold or underscoring - the raw format that any computer can understand. This is usually so they can easily import the file into their own applications without issues. Notepad.exe creates ASCII text, or in MS Word you can save a file as 'text only'

Dec	Hx	Oct	Char	Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr
0	0	000	NUL (null)	32	20	040	 	Space	64	40	100	@	@	96	60	140	`	`
1	1	001	SOH (start of heading)	33	21	041	!	!	65	41	101	A	A	97	61	141	a	a
2	2	002	STX (start of text)	34	22	042	"	"	66	42	102	B	B	98	62	142	b	b
3	3	003	ETX (end of text)	35	23	043	#	#	67	43	103	C	C	99	63	143	c	c
4	4	004	EOT (end of transmission)	36	24	044	$	\$	68	44	104	D	D	100	64	144	d	d
5	5	005	ENQ (enquiry)	37	25	045	%	%	69	45	105	E	E	101	65	145	e	e
6	6	006	ACK (acknowledge)	38	26	046	&	&	70	46	106	F	F	102	66	146	f	f
7	7	007	BEL (bell)	39	27	047	'	'	71	47	107	G	G	103	67	147	g	g
8	8	010	BS (backspace)	40	28	050	((72	48	110	H	H	104	68	150	h	h
9	9	011	TAB (horizontal tab)	41	29	051))	73	49	111	I	I	105	69	151	i	i
10	A	012	LF (NL line feed, new line)	42	2A	052	*	*	74	4A	112	J	J	106	6A	152	j	j
11	B	013	VT (vertical tab)	43	2B	053	+	+	75	4B	113	K	K	107	6B	153	k	k
12	C	014	FF (NP form feed, new page)	44	2C	054	,	,	76	4C	114	L	L	108	6C	154	l	l
13	D	015	CR (carriage return)	45	2D	055	-	-	77	4D	115	M	M	109	6D	155	m	m
14	E	016	SO (shift out)	46	2E	056	.	.	78	4E	116	N	N	110	6E	156	n	n
15	F	017	SI (shift in)	47	2F	057	/	/	79	4F	117	O	O	111	6F	157	o	o
16	10	020	DLE (data link escape)	48	30	060	0	0	80	50	120	P	P	112	70	160	p	p
17	11	021	DC1 (device control 1)	49	31	061	1	1	81	51	121	Q	Q	113	71	161	q	q
18	12	022	DC2 (device control 2)	50	32	062	2	2	82	52	122	R	R	114	72	162	r	r
19	13	023	DC3 (device control 3)	51	33	063	3	3	83	53	123	S	S	115	73	163	s	s
20	14	024	DC4 (device control 4)	52	34	064	4	4	84	54	124	T	T	116	74	164	t	t
21	15	025	NAK (negative acknowledge)	53	35	065	5	5	85	55	125	U	U	117	75	165	u	u
22	16	026	SYN (synchronous idle)	54	36	066	6	6	86	56	126	V	V	118	76	166	v	v
23	17	027	ETB (end of trans. block)	55	37	067	7	7	87	57	127	W	W	119	77	167	w	w
24	18	030	CAN (cancel)	56	38	070	8	8	88	58	130	X	X	120	78	170	x	x
25	19	031	EM (end of medium)	57	39	071	9	9	89	59	131	Y	Y	121	79	171	y	y
26	1A	032	SUB (substitute)	58	3A	072	:	:	90	5A	132	Z	Z	122	7A	172	z	z
27	1B	033	ESC (escape)	59	3B	073	;	;	91	5B	133	[[123	7B	173	{	{
28	1C	034	FS (file separator)	60	3C	074	<	<	92	5C	134	\	\	124	7C	174	|	
29	1D	035	GS (group separator)	61	3D	075	=	=	93	5D	135]]	125	7D	175	}	}
30	1E	036	RS (record separator)	62	3E	076	>	>	94	5E	136	^	^	126	7E	176	~	~
31	1F	037	US (unit separator)	63	3F	077	?	?	95	5F	137	_	_	127	7F	177		DEL

Source: www.LookupTables.com

ASCII Exercise

1) Question

0100 0111	71	G
0110 1111	111	o
0110 1100	108	l
0110 0100	100	d
0110 0101	101	e
0110 1110	110	n
0010 0000	32	-
0100 0001	65	A
0111 0010	114	r

01100011	99	c
0110 1000	104	h
0110 0101	101	e
0111 0011	115	s
0010 0000	32	-
0100 0110	70	F
0110 1111	111	o
0110 1111	111	o
0110 0100	100	d

Question: Golden Arches Food

Answer: McDonald

2)

0100 0011	67	C
0110 1000	104	h
0110 1001	105	i
0110 1100	108	l
0110 0100	100	d
0111 0010	114	r
0110 0101	101	e
0110 1110	110	n
0010 0111	39	'

0111 0011	119	s
0010 0000	32	-
0101 0100	84	T
0101 0110	86	V
0010 0000	32	-
0101 0011	83	S
0110 1000	104	h
0110 1111	111	o
0111 0111	119	w

Question: Children's TV Show

Answer: PAW Patrol

3)

0100 0011	67	C
0110 0101	101	e
0110 1100	105	l
00100000	32	-
0101 0000	80	P
0110 1000	104	b
0110 1111	111	o
0110 1110	110	n
0110 0101	101	e

0010 0000	32	-
0100 1101	77	M
0110 0001	97	a
0110 1011	107	k
01100101	101	e
0111 0010	114	r

Question : Cell-Phone Maker

Answer : Apple

4)

0100 1111	79	O
0110 1110	110	n
0110 0101	101	e
0010 0000	32	-
0110 1111	111	o
0110 0110	102	f
0010 0000	32	-
0101 0011	83	S
0110 0001	97	a
0110 1110	110	n
0111 0100	116	e

0110 0001	97	a
0010 0111	39	i
0111 0011	115	S
0010 0000	32	-
0101 0010	82	k
0110 0101	101	e
0110 1001	105	i
0110 1110	110	n
0110 0100	100	d
0110 0101	101	e
0110 0101	101	e
0111 0010	114	r

Question : One of Santa's Reindeer.

Answer : Dasher