1.str="yaswanth";

let res;arr="";

for(i=0;i<str.length;i++){

res=str.charCodeAt(i)-1

arr+=String.fromCharCode(res)+" "

}

console.log(arr)

output:-

x ` r v ` m s g

ASCII Table

```
Dec  = Decimal Value
Char = Character

'5' has the int value 53
if we write '5'-'0' it evaluates to 53-48, or the int 5
if we write char c = 'B'+32; then c stores 'b'
```

Dec	Char	Dec	Char	Dec	Char	Dec	Char
0	NUL (null)	32	SPACE	64	@	96	`
1	SOH (start of heading)	33	!	65	A	97	a
2	STX (start of text)	34	"	66	B	98	b
3	ETX (end of text)	35	#	67	C	99	c
4	EOT (end of transmission)	36	$	68	D	100	d
5	ENQ (enquiry)	37	%	69	E	101	e
6	ACK (acknowledge)	38	&	70	F	102	f
7	BEL (bell)	39	'	71	G	103	g
8	BS (backspace)	40	(	72	H	104	h
9	TAB (horizontal tab)	41	)	73	I	105	i
10	LF (NL line feed, new line)	42	*	74	J	106	j
11	VT (vertical tab)	43	+	75	K	107	k
12	FF (NP form feed, new page)	44	,	76	L	108	l
13	CR (carriage return)	45	-	77	M	109	m
14	SO (shift out)	46	.	78	N	110	n
15	SI (shift in)	47	/	79	O	111	o
16	DLE (data link escape)	48	0	80	P	112	p
17	DC1 (device control 1)	49	1	81	Q	113	q
18	DC2 (device control 2)	50	2	82	R	114	r
19	DC3 (device control 3)	51	3	83	S	115	s
20	DC4 (device control 4)	52	4	84	T	116	t
21	NAK (negative acknowledge)	53	5	85	U	117	u
22	SYN (synchronous idle)	54	6	86	V	118	v
23	ETB (end of trans. block)	55	7	87	W	119	w
24	CAN (cancel)	56	8	88	X	120	x
25	EM (end of medium)	57	9	89	Y	121	y
26	SUB (substitute)	58	:	90	Z	122	z
27	ESC (escape)	59	;	91	[	123	{

```
 28  FS  (file separator)           60  <         92  \         124  |
 29  GS  (group separator)          61  =         93  ]         125  }
 30  RS  (record separator)         62  >         94  ^         126  ~
 31  US  (unit separator)           63  ?         95  _         127  DEL
```

2.str="hello world";

res="";

for(i=0;i<str.length;i++){

  if(str[i]==0){

    continue;

  }

  res=res+str[i]

}

console.log(res)

output:- helloworld

3.str="hello world";

res="";

for(i=str.length-1;i>=0;i--){

res=res+str[i]

}

console.log(res)

output:- dlrow olleh

4. str="hello world";

res="";

for(i=str.length-1;i>=0;i--){

  if(str[i]==0){

    continue;

  }

res=res+str[i]

```
}
console.log(res)
```

output:- dlrowolleh