Trishalo K. Shuttearlassmate 18m18CS118 Date_____ hed fading with poleutioneller int leden=9. Oguted bior Serial. begin (9600); primade (led Pin, OUTPUT); NO, 9 pool () int analogheur = analog Read (AD); int brightness= map (analog value, 0, 1023, 0, 257). malogneite (helin, brightness)

derial pint ("Analog: ");

alerial pint (anolognalue);

alerial pint (", Brightness: ");

alerial pint (hightness);

alerial pint (hightness); Scanned with CamScan

| Shelland I'V Shelland |
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| Thishala . A. Shellan Smate 18m/8 CSIII Date Page |
| Date Page |
| |
| fading LED |
| |
| get / teronity |
| Code: |
| void letup() |
| 2000 Saupe |
| 2 |
| penMade (2, OUTPUT); |
| 3 |
| void book () |
| 5 |
| for (Prot forder); jader = 255; jader = 5) 2 analogueide (9, jade); |
| 3 0000000000000000000000000000000000000 |
| dolar (30). |
| delay(30); |
| for (int facle=25=>=0; facle==5) |
| 101 (11 Gazar 433) |
| 2 1000112-10 (9:10de). |
| delay(38); |
| 2 |
| |
| y |
| the stay in water |
| |
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Tuehala'K. Shetter 18m18 CSIS Date Page (

| | Vibrator motor | |
|----|---|--|
| | int motorpin=3; | interest of |
| | ent Senson Pin =A1: | 11. |
| | 9nt threshold = 400; | 1-1 |
| | void Setupes | ************************************** |
| | <u> </u> | <u>-1</u> |
| | fin mode (motorPin, coTPUT); Seval-begin (9600); | 1.7 |
| | Jural-begin (9600) | in the second se |
| | Now Comp() | 1 |
| | Void loop() | 13 |
| | int Senson value = analogRe | od (Leury Pin). |
| | Serial printly Surson Value if Senson value > thrushold |)• |
| | if Cleusor value > thrushold | 13 |
| | 2 | |
| | digitallulito (motos Pro, | Helbir). |
| | else | , |
| | S | |
| | dichalinite Coat B | |
| | 2 diffital white Constar P | , Low); |
| 11 | Z | |

Thehalor & Shell 1BMISCS Date Page Rush button: int button State = 0; Const ent buttonpen = 2; Court int ledPin= 13. Word Stup () PROMODE (13, OUTPUT): Promode (3, IN PUT). Void Coop () buttombrate = digitalRead (button Pin); of (button Steel == HIGH) digitalulide (udrig, KIGK) digitalulite (led Pin, low). Scanned With CamScan

Trishala K. Shetter 1BM 18 C8118

Classmate

Date
Page

LDR Const int ledpin=13; Const got barpin = Ao; void Setup() Derial- begin (9600). pinmode (ledpin, OUTPUT). pin mode (ldu pen, IN PUT). Noig pop() unt largalus = analophead (lar P. 2); Serial · print In (by Status); (1015+atus <=10) distaluite (ledliz, Hlor).
Isial-parthol" LDR in Rank, LED in Ou"). Clse di pital heint (hdrin, Low); devial printin ("LDR is BRNDINT, LFD is OFF"); devial printin!" - - - - ")-

| | Jewhala & Shutter NBMN&C&U Date Page |
|---|---|
| | PIR. |
| | int led Pro=13; |
| | est inhuttin=2. |
| | Cot PIEState = LOW. |
| | int val=0 |
| _ | void detupe |
| | pinnale (ledrin, output); |
| | penmode (input Pin INPUT); Sevial-begin (9600). |
| | Serial-begin (9600)- |
| | void loop() |
| | |
| | val=digitalizead (Inputrin); if (val==HIGIK) |
| | di Ontalinite (Codpin, HIGH). |
| _ | digitalmite (ledpin, HIGH); if (PIRSTATE == LOW) |
| _ | 3 |
| _ | Pirstati = = HIGH; |
| _ | 3 |
| _ | else |
| | 2 |
| 1 | |

| | Trishala & Stuller classmate 18M18CSIB Date Page (|
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| | UBMIECSIE Date Page |
| | (raga |
| | dicitalinita (ladoi 1011). |
| | digital unito (ledpin, Low); |
| | 9 |
| | skial perthol"motion ended!'); |
| | PIRSTON = LOW" |
| | ey ; |
| | ? |
| | <i>\\</i> |
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| II | Scanneg with Camsca |

Feetale & Steller classmate BUNGCENS (Mert & ytem: int temperature in =0°, int puzzer = 13. void Setup() Levial beg (9600); promode (9, OUTPUT); (nig tri) sportlar toolf return (analoglead (Pin) + 0.00 ft 82814); rold rooks float voltage defres C; voltage = get rollage (temperature Pin). degres C = (vollage -0.5)*(00.0; digtal-write (9, cow); cif (degreesc > 3 derial Print (degreese). obrial parthe ("ALERT !").

Thehala 18M18CSIR classmate Page dégitalment (9, KIGH); Atone (12, 10000, 100); delay (200); else & Sei al-Prit ("deples c)", Serial-Prit ("SAVEJ"), delay(200);

Jushala 1BM18CSUS

Classmate

Date ______

| Int the prin=4; Int echopin=2; Int echopin=2; Int echopin=2; Int echopin=2; Int echopin=2; Int echopin=2; Int echopin=4; Int the prin=4; Int the prin=2; Int echopin=2; Int the prin=4; Int echopin=2; Int the prin=4; Int the prin=2; Int the prin=4; Int the prin=2; Int the prin the p |
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| int the prin=4; Pat echopin=2; Long dittence, Com, inches; void Sotrep () Clerical begin (9600); prin mode (+12 prin, corpor); prin mode (echopin, INPOT); 2 Void Wap () 2 di stal white (the spin, cow); |
| Joid Sotup () Simula begin (9600); promode (Hippin, COIPUT); promode (Echopin, INPOT); 3 4 Joid Wap () 4 Joid Wap () 4 Join Mitter (Hippin, Low); |
| Joid Sotup () Simula begin (9600); promode (Hippin, COIPUT); promode (Echopin, INPOT); 3 4 Joid Wap () 4 Joid Wap () 4 Join Mitter (Hippin, Low); |
| Lone dittence, cm, ; notest; void betup () Suital begin (9600); pin mode (42ppin, conput); pin mode (echopin, INPOT); 2 void loop () distal white (thispin, low); |
| Lone dittence, cm, ; notest; void betup () Suital begin (9600); pin mode (42ppin, conput); pin mode (echopin, INPOT); 2 void loop () distal white (thispin, low); |
| Void Setup () Suital begin (9600); phomode (Highin, Contot); phomode (echapin, INPOT); Void Wap () digtal with (thispin, law); |
| Serial-begin (9600); frinnocle (Highin, Ovillat); prin mode (echapin, INPOT); 2 void loop() digtal white (Highin, law); |
| promode (Highin, Obirot); promode (echopin, INPOT); sold bope) digtal white (Highin, low); |
| promode (Highin, Obirot); promode (echopin, INPOT); sold bope) digtal white (Highin, low); |
| promode (Highin, Obirot); promode (echapin, INPOT); sold wap() digtal white (Highin, low); |
| void bop() digtal white (the spin, low); |
| void bop() digtal white (the spin, low); |
| digtal ulide (the spin, low); |
| digtal ulide (the spin, low); |
| digtal ulide (the spin, low); |
| distal white (thispin, cow); |
| and unicrosecondics) |
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| 00-0, 0111111, 121, 121, 101, 101, 101, 101 |
| diagnicioseionali(10); |
| di citallite (trepin, Low); |
| a cotalité (dupling le 416th) |
| digetallite (Hippin, Low); duration = pulse In (echopia, 161611) |
| |
| - love (duotion)2) +4) |
| P. J. D. O. O. C. W. Chestante. |
| Leial Unit (inches); |
| Serial Harting |
| derial hint (": au"); derial purt (": au"); delay(20); |
| Serial purt |
| 3 delay(310); |
| Scannea with Camscan |

| Jus 19 (81) 8 Page |
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| 113ml8 CSILS Page |
| |
| yas lakage: |
| Ent led=13. |
| Cont int gas=0; int gasPin=A0; |
| ent gaspin=Aox |
| Void Stupe |
| Sevial. begin (3600); |
| 3 |
| Void loop () |
| 11000 1 000 1000 000 000 18 18 18 18 18 18 18 18 18 18 18 18 18 |
| float Sura value= analogread (gespin); if (Sura value> ≥ 300) |
| 9° |
| digital write (led, HIGH); |
| Perial puit (densorvalue). |
| Secial-partly ("xx x Smort, DFTECTEDOD") |
| 3 many |
| elge |
| dem in the same of |
| escal Lead (now) |
| digtalutito (led, Low). Seval. partlu ("Seval value: "); alial. partlu (Seusovalue);. |
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| 3 delay loods |
| A SHARED LITTLE TO THE SHARED |

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| | classmate | 6 |
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| 5 | Date | 7 |
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| | TR Sewo motor. | | |
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| | | | |
| | # include < Leono h> | | |
| | # include < IR lenote. hs. | | |
| | "LAT RECU_ PIN=11 | | |
| | IRCV, EVECY (RECULPIN); | | |
| | de code - results results, | | |
| | Servo myserco; | | |
| | void betupe | | |
| | 3 | | |
| | Serral-begin (9600); | | |
| | inco- enable (RIMO)- | | |
| | y | | |
| | Ugid bop() | | |
| | 3 | | |
| _ | if (were, decode (2 republ)) { | | |
| | Switch (republy-value) | | |
| | . 3 | | |
| | Case Oxf Dooff: | | |
| | Mysewo. attach (9)- Serial pathy (" Aart")- Brak; Case Ox FD200F: | | |
| | Serial partly (" sart.")- | | |
| | blak; | | |
| | Case Oxfordit: | | |
| | Case Ox FD200F: Myservo. write (-160); Sirval. protint" Courter (lockniss"); bush; | | |
| | devial phonin could chockers) | | |
| Marie Van | ellar; | | |

classmate 18m18cs118 Serial puit (" results value, UEX) " break; issell- lesurel ?- "

Trishels MSMASCSUS

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| 5 | Date | 7 |
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| 18 | | |

| | S | mart Parkagen dystem | | | |
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| | | ist that = 2. | | | |
| | | int led=13. | | | |
| | | void shupe | | | |
| _ | | 3 | | | |
| | | promode (tech input); | | | |
| | | promodelles outeur); | | | |
| | 3 | | | | |
| | | yoid bopes | | | |
| | | 3 | | | |
| | | lat reader. | | | |
| | | leading = deft-191 Read (+8(+)- | | | |
| | | Lading = degral Read (+94). The Chade of th | | | |
| | | (was, bu) tribles igth | | | |
| | 4 | elle | | | |
| | 4 | digital Write (lo, Morn); | | | |
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| M | Stepholog Classente Page | Tithala 18m18CSNS Classmate Data Page |
|---|------------------------------|--|
| | R6B | RG18-6/01(0,0,20T) |
| | | (ed. but("BUE"); |
| | nt red=10; | delay (1000) |
| | int glave 8. | delay (1000); (cd. chay(); |
| | int blue=9; | |
| | void satup() | RGB (6/01/0,0,0): |
| | 3 | (" white"); |
| | Mamaril 10, OUTPUT); | dilay(1000)- |
| | the mode of OUT (ST); | 1cd. Charl)- |
| | promode(& athi); | 2 |
| | 2 | void ROB Color (int had value int gree value, int |
| | vigd lack () | 'Aug notice |
| · | 3 | S |
| | 1(d. Set (mno)(0,0); | analoguliti (red, red value); |
| | Ich. put ("ROB (olar put)") | a a collitie (sur Man value): |
| | delan(1000). | analoguliti (glun, flim value); . analoguliti (whe, the value); |
| | delay(1000); 1cd. cual(); | The same of sa |
| | 6618 (0101 (32209); | |
| | 108 - plut ("Red"); | |
| | delay(1000); | |
| | (id-dian). | |
| | | |
| | REAR - LOLON (0, 2500 0); | |
| | Lid phit ("Green") | |
| | dilay (1000); | |
| | 1(f · clean(); | |
| | (a) clear() | |

| A 1 | Januala Classoute | IBMISCOUS Classmite |
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| | Smart arrigation: | \$ |
| === | smart arrigation | mysems, ano (box). |
| | Hindude < Sowo.h> | delay(15) |
| | Servo mestion 0; | 3 |
| | 0.000 | ્ષે |
| | 60+ 100=0; | delay(1000); |
| | int Sensor Pro-Ao: | i i |
| | int lengeralulusió | 3 |
| | Noid Start ? | |
| | 3 | |
| | mylows, attach (3); | |
| | Jenial . begin (9600); | (1 |
| | 1 | |
| | void bopc) | |
| | . § | |
| | Lenson value analog trad (Sungages) | |
| - | Consal-badly (Surporration) | |
| ~~ | if (Sanso value 150) | |
| | 6 | |
| 5 | for (hor=0; hor=180; hor=1) | |
| 5 | | |
| J | mystews actio (pas). | |
| <i>y</i> | delau(15). | |
| ~ | 161 (167=180; 1607=0; 1607=1) | |
| | 161 (bo) = 160: por >= | |
| - | (d) tars.0.(bot=1) | • |
| | | |