

PROJECT ON
Big Ben English Course

Developed by

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Big Ben English Course (Placement Test)

Batch Code : 1SC2
Start Date : Oct 26, 2011 End Date: Nov 8, 2011
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Name of Developer : Elisabeth Christi A
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NIIT

CERTIFICATE

This is to certify that this report, titled **Big Ben English Course (Placement Test)**, embodies the original work done by **Elisabeth Christi A and Vidya Asmara** in partial fulfillment of their course requirement at NIIT.

Coordinator : **Emma Yulianti, ST., MM**



ACKNOWLEDGEMENT

We have benefited a lot from the feedback and suggestions given to us by Ms. Emma Yulianti, ST., MM and other faculty members.



SYSTEM ANALYSIS

System summary:

Big Ben English Course established in 2002, location at Jl. Margonda Raya No 17, Depok, West Java 16424. We organize courses for adults (general) and school students. We has adopted the latest training methods used in the UK, mainly student centered communicative training. Big Ben English Course bases teaching on a communicative and motivational approach, meaning that the teacher acts as a facilitator and motivator for learning. We provide active classes which encourage student participation. In essence, the teacher promotes as much student talk time as possible and only intervenes when the students have language problems. This method of teaching ensures students learn at the fastest possible speed.

We employ certified, experienced, qualified teachers (local and native) and staff who work together to produce target orientated curriculum. We continuously evaluates student performance to ensure they are confident with the newly gained knowledge they have been taught. The majority of textbooks we use are British course books and supplementary materials focusing on vocabulary development, grammar accuracy and further practice. Moreover the teachers prepare materials on their own from the school library and the internet.



System Processes:

Big Ben English Course has the following Placement Test Result system for:

Conversation	General English	TOEFL Preparation
Nilai: 80 – 100 Level: CV 4 Fee: Rp 1.200.000	Nilai: 85 – 100 Level: HI 4 Fee: Rp 900.000	Nilai: 80 – 100 Level: TP 4 Fee: Rp 1.300.000
Nilai: 70 – 79 Level: CV 3 Fee: Rp 1.200.000	Nilai: 80 – 84 Level: HI 3 Fee: Rp 900.000	Nilai: 70 – 79 Level: TP 3 Fee: Rp 1.300.000
Nilai: 60 – 69 Level: CV 2 Fee: Rp 1.200.000	Nilai: 75 – 79 Level: HI 2 Fee: Rp 900.000	Nilai: 60 – 69 Level: TP 2 Fee: Rp 1.300.000
Nilai: 50 – 59 Level: CV 1 Fee: Rp 1.200.000	Nilai: 70 - 74 Level: HI 1 Fee: Rp 900.000	Nilai: 50 – 59 Level: TP 1 Fee: Rp 1.300.000
Nilai: <50 Level: Failed Fee: Rp 0	Nilai: 65 – 69 Level: IN 4 Fee: Rp 800.000	Nilai: <50 Level: Failed Fee: Rp 0
	Nilai: 60 - 64 Level: IN 3 Fee: Rp 800.000	
	Nilai: 55 – 59 Level: IN 2 Fee: Rp 800.000	
	Nilai: 50 - 54 Level: IN 1 Fee: Rp 800.000	
	Nilai: 45 – 49 Level: EL 4 Fee: Rp 700.000	



	Nilai: 40 - 44 Level: EL 3 Fee: Rp 700.000	
	Nilai: 35 – 39 Level: EL 2 Fee: Rp 700.000	
	Nilai: 30 - 34 Level: EL 1 Fee: Rp 700.000	
	Nilai: < 30 Level: Failed Fee: 0	

Notes:

- CV : Conversation
- HI : High Intermediate
- IN : Intermediate
- EL : Elementary
- TP : TOEFL Preparation

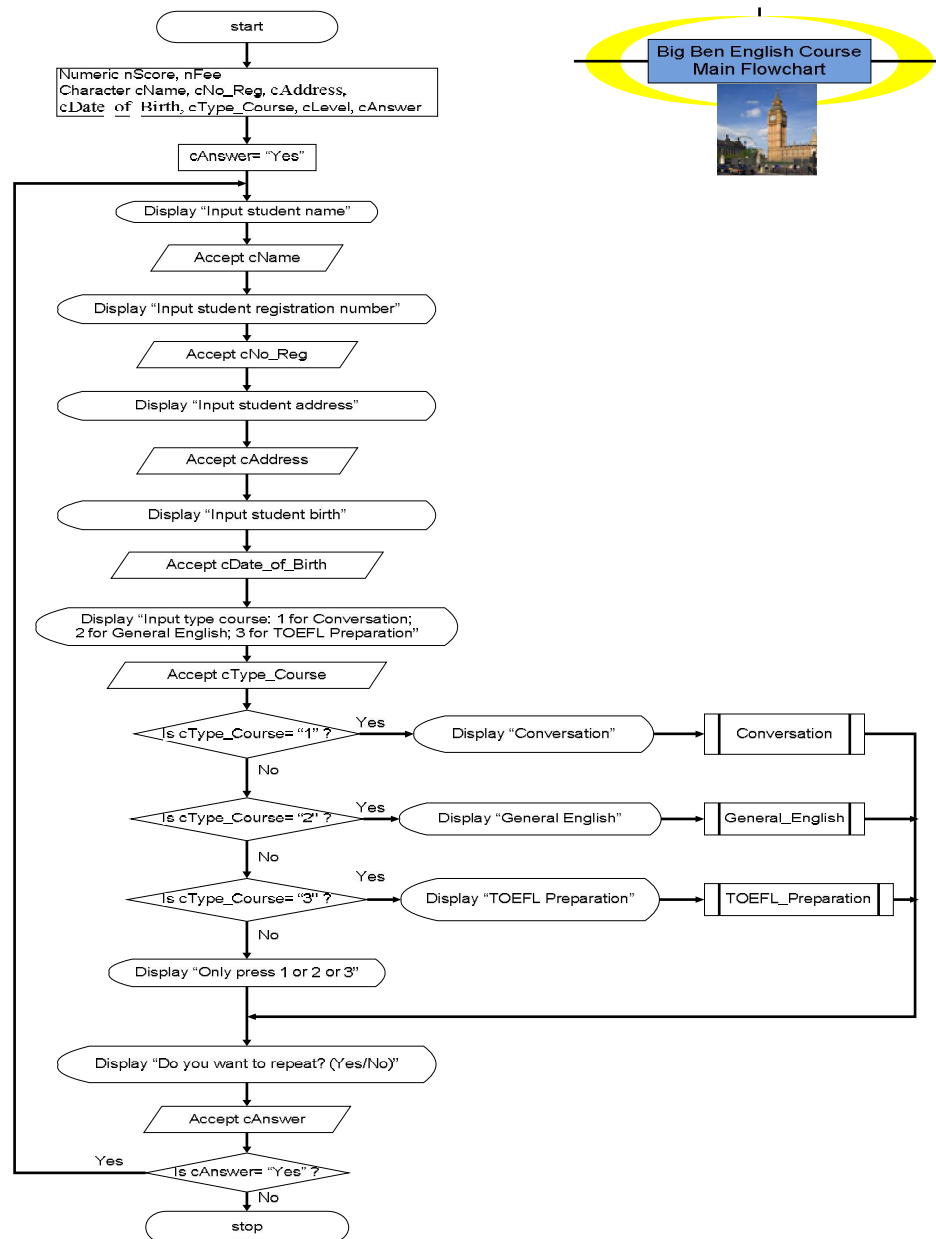
The system informs name of new student, registration number, level score, and fee course.



FLOWCHART

System Process: Placement Test Result

This flowchart represents the result of Big Ben English Course placement test.

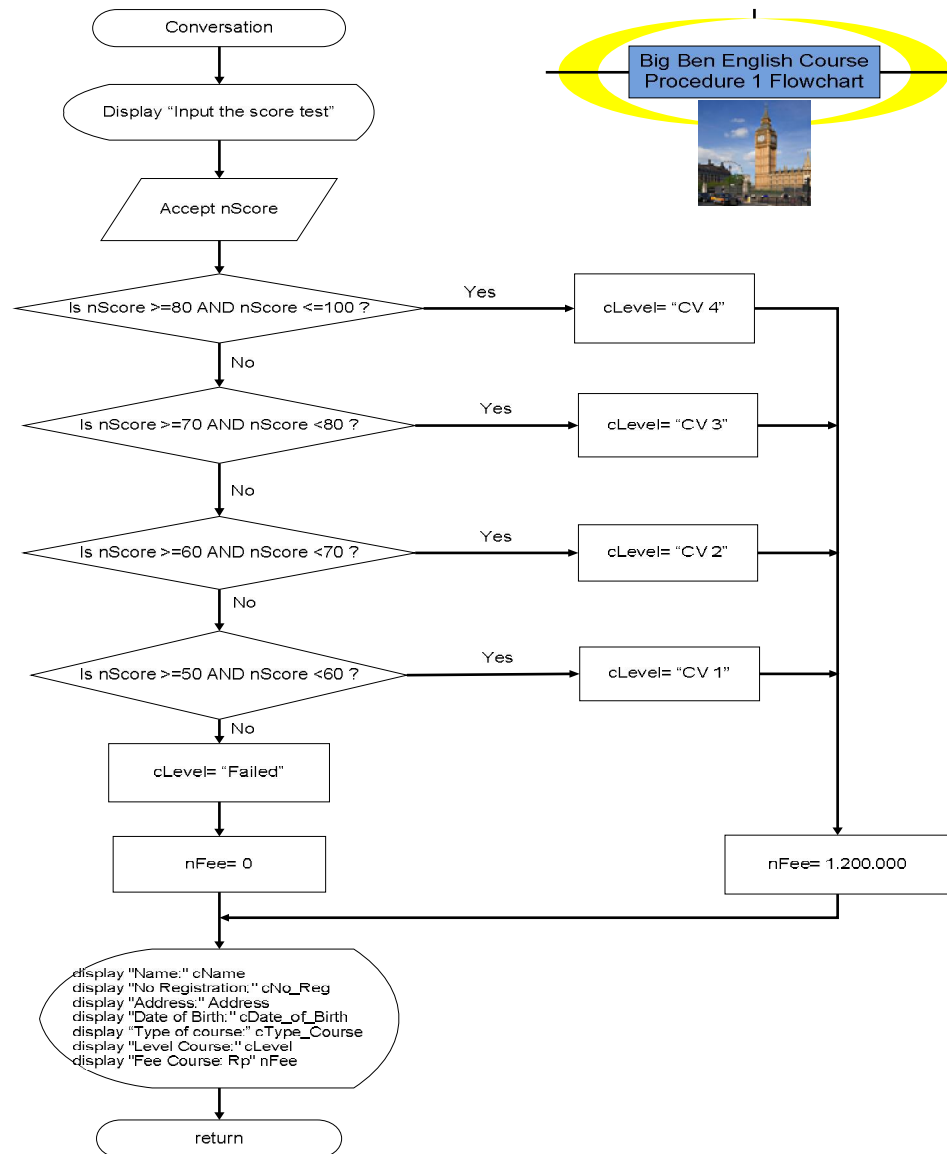




FLOWCHART

System Process: Placement Test Result for Conversation Course

This flowchart represents the result of Big Ben English Course placement test for Conversation Course.

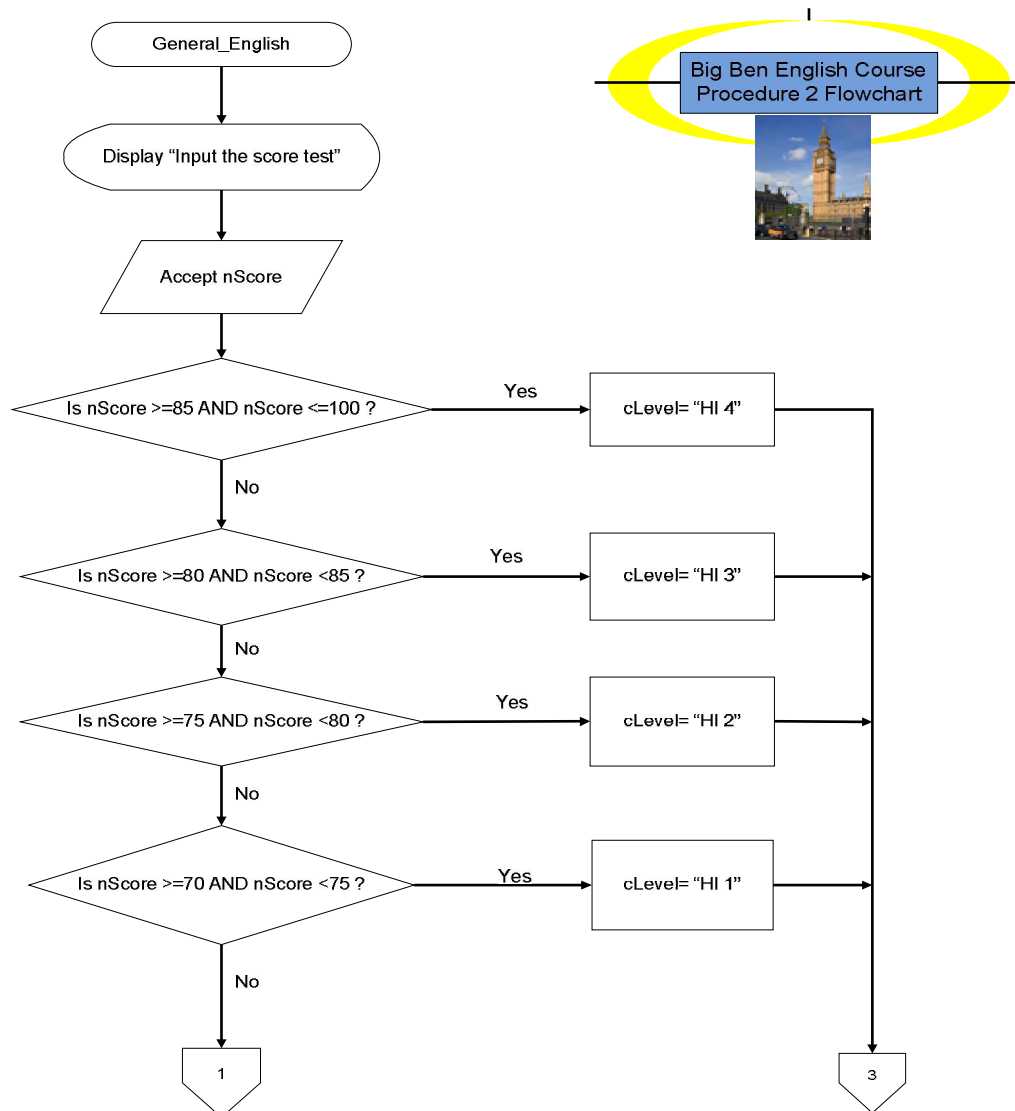




FLOWCHART

System Process: Placement Test Result for General English Course

This flowchart represents the result of Big Ben English Course placement test for General English Course.

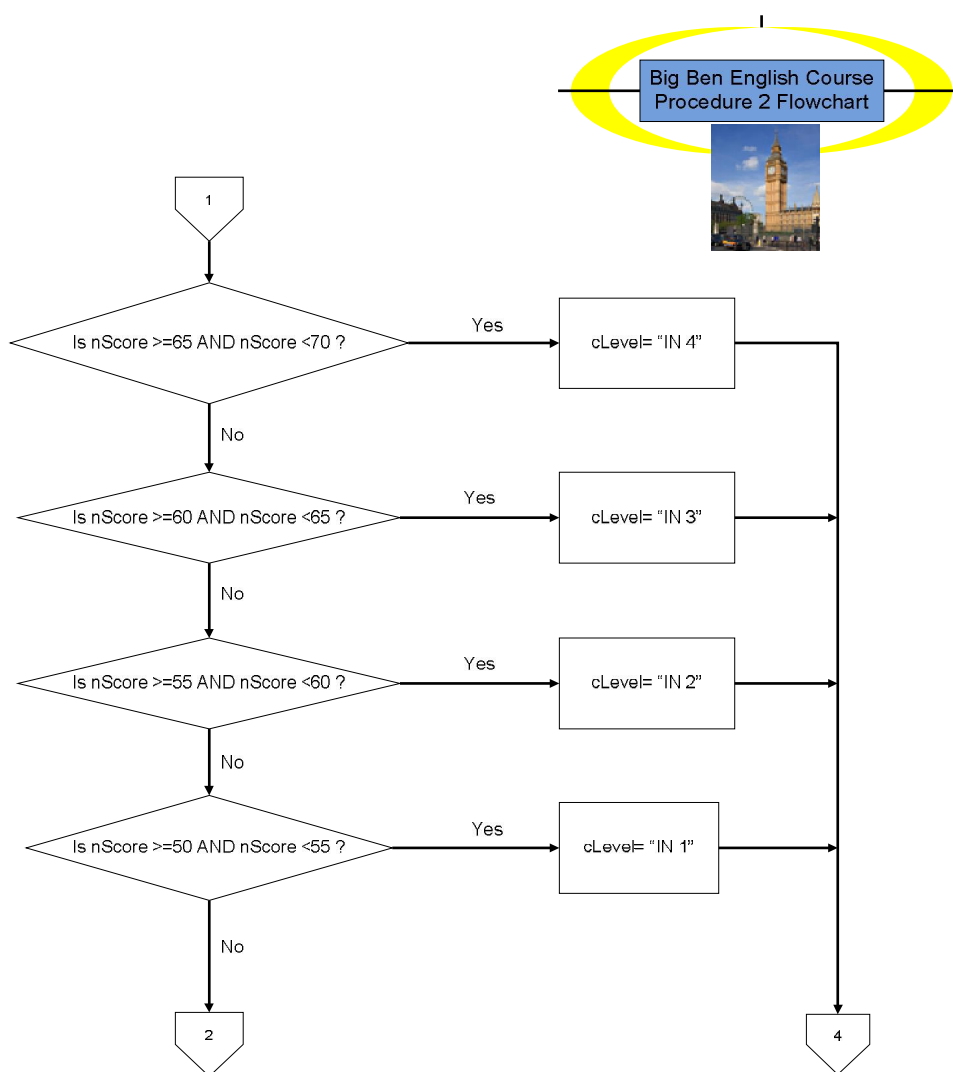




FLOWCHART

System Process: Placement Test Result for General English Course (contd.)

This flowchart represents the result of Big Ben English Course placement test for General English Course.

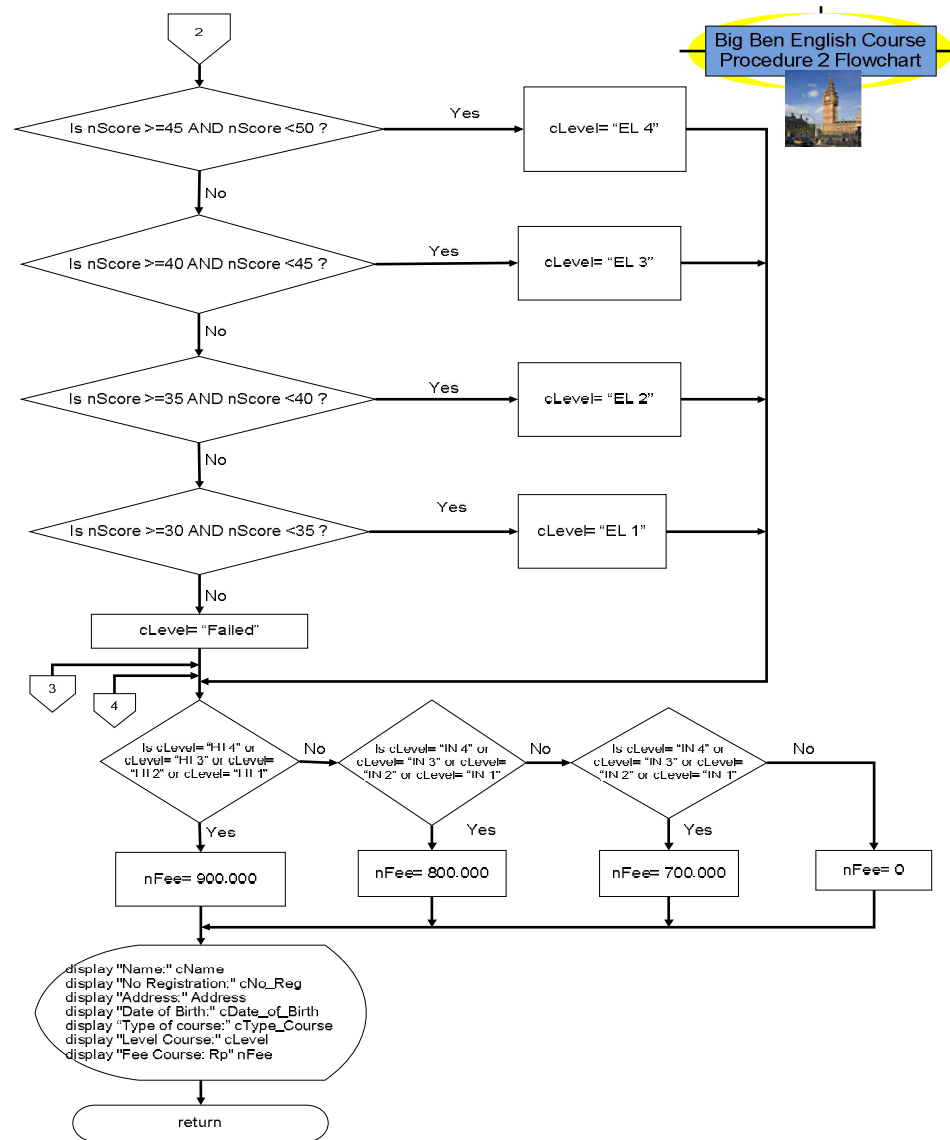




FLOWCHART

System Process: Placement Test Result for General English Course (contd.)

This flowchart represents the result of Big Ben English Course placement test for General English Course.

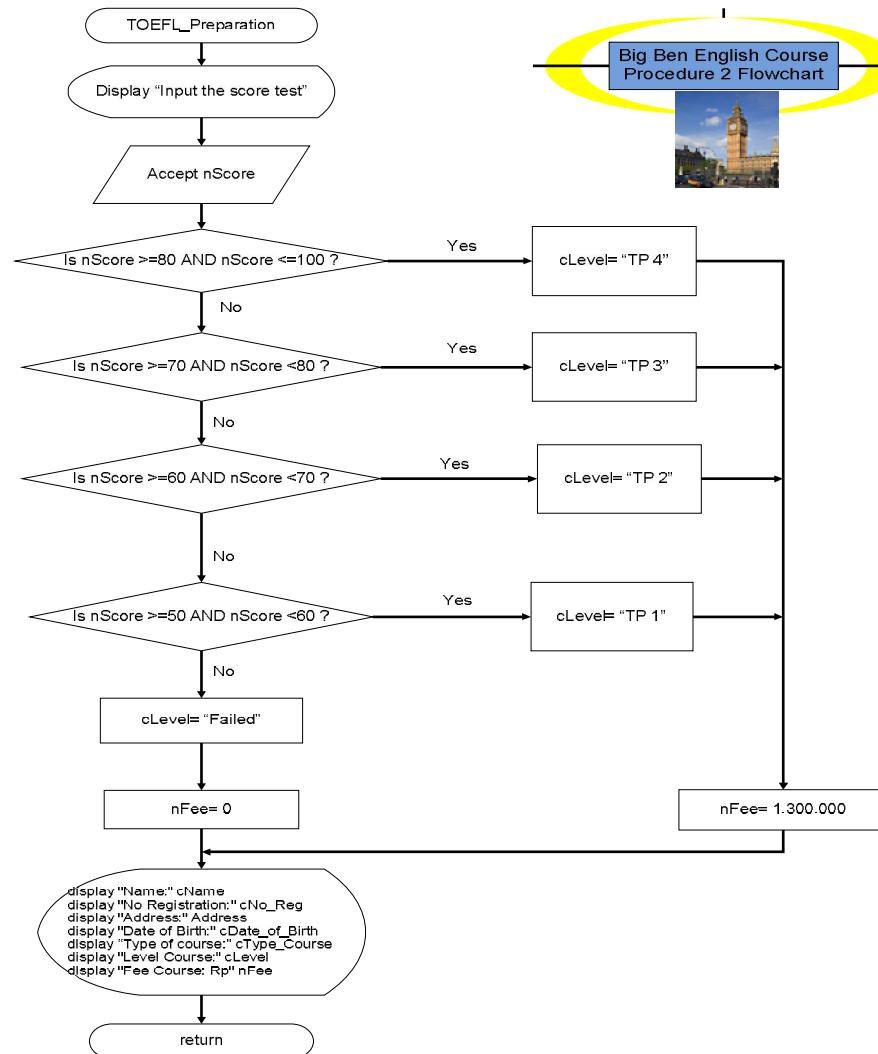




FLOWCHART

System Process: Placement Test Result for TOEFL Preparation Course

This flowchart represents the result of Big Ben English Course placement test for TOEFL Preparation Course.





PSEUDOCODE

System Process: Placement Test Result

This flowchart represents the result of Big Ben English Course placement test.

```
Begin
numeric nScore, nFee
character  cName, cNo_Reg, cAddress, cDate_of_Birth, cType_Course, cLevel,
cAnswer
cAnswer= "Yes"
display "Input student name"
accept cName
display "Input student registration number"
accept cNo_Reg
display "Input student address"
accept cAddress
display "Input student birth"
accept cDate_of_Birth
while (cAnswer= "Yes")
begin
display "Input Type Course: 1 for Conversation; 2 for General English; 3 for TOEFL
Preparation"
accept cType_Course
switch (cType_Course)
begin
case 1:
display "Conversation"
call Conversation
break
case 2:
display "General English"
call General English
break
case 3:
display "TOEFL Preparation"
call TOEFL Preparation
break
default:
display "Only press 1 or 2 or 3"
break
end
end
```



PSEUDOCODE

```
display "Do You Want to Repeat? Yes/No"
accept cAnswer
end
end

procedure Conversation
begin
display "Input the score test"
accept nScore
if nScore >=80 AND nScore <=100
    begin
    cLevel= "CV 4"
    nFee= 1.200.000
    end
else
    begin
    if nScore >=70 AND nScore <80
        begin
        cLevel= "CV 3"
        nFee= 1.200.000
        end
    else
        begin
        if nScore >=60 AND nScore <70
            begin
            cLevel= "CV 2"
            nFee= 1.200.000
            end
        else
            begin
            if nScore >=50 AND nScore <60
                begin
                cLevel= "CV 1"
                nFee= 1.200.000
                end
            else
                begin
                cLevel= "Failed"
                nfee= 0
                end
            end
        end
    end
end
```


PSEUDOCODE

```
begin
if nScore >=35 AND nScore <40
    begin
        cLevel= "EL 2"
    end
else
    begin
        if nScore >=30 AND nScore <35
            begin
                cLevel= "EL 1"
            end
        else
            begin
                cLevel= "Failed"
            end
        endif
    end
endif
end
endif
end
endif
end
endif
end
endif
end
endif
end
endif
end
```



PSEUDOCODE

```

if cLevel= "HI 4" or cLevel= "HI 3" or cLevel= "HI 2" or cLevel= "HI 1"
    begin
        nFee= 900.000
    end
else
    begin
        if cLevel= "IN 4" or cLevel= "IN 3" or cLevel= "IN 2" or cLevel= "IN 1"
            begin
                nFee= 800.000
            end
        else
            begin
                if cLevel= "EL 4" or cLevel= "EL 3" or cLevel= "EL 2" or cLevel= "EL 1"
                    begin
                        nFee= 700.000
                    end
                else
                    begin
                        cLevel= "Failed"
                        begin
                            nFee= 0
                        end
                    end
                end
            end
        endif
    end
endif
end
endif
display "Name:" cName
display "No Registration:" cNo_Reg
display "Address:" Address
display "Date of Birth:" cDate_of_Birth
display "Type of course:" cType_Course
display "Level Course:" cLevel
display "Fee Course: Rp" nFee
end

procedure TOEFL_Preparation
begin
display "Input the score test"

```



PSEUDOCODE

```
accept nScore
if nScore >=80 AND nScore <=100
  begin
    cLevel= "TP 4"
    nFee= 1.300.000
  end
else
  begin
    if nScore >=70 AND nScore <80
      begin
        cLevel= "TP 3"
        nFee= 1.300.000
      end
    else
      begin
        if nScore >=60 AND nScore <70
          begin
            cLevel= "TP 2"
            nFee= 1.300.000
          end
        else
          begin
            if nScore >=50 AND nScore <60
              begin
                cLevel= "TP 1"
                nFee= 1.300.000
              end
            else
              begin
                cLevel= "Failed"
                begin
                  nFee= 0
                end
              end
            end
          end
        endif
      end
    endif
  end
endif
end
```



PSEUDOCODE

```
endif
display "Name:" cName
display "No Registration:" cNo_Reg
display "Address:" Address
display "Date of Birth:" cDate_of_Birth
display "Type of course:" cType_Course
display "Level Course:" cLevel
display "Fee Course: Rp" nFee
end
```



DRY RUN

System Process: Placement Test Result

This dry run represents the result of Big Ben English Course placement test.

Name	No. Registration	Address	Date of Birth	Score Test	Type of Course	Level	Fee
Tomiko Van	1112010001	Jl. Agung Raya I no.4 Lenteng Agung, jak-Sel	Jan-20- 1982	74	General English	HI 1	Rp 900.000
Gakuto Camui	1112010002	Jl. Raya Margonda I No.12 Depok	Mei-05- 1985	48	Conversation	Failed	Rp 0
Takarai Hide	1112010003	Komplek Griya Tugu Asri CII/78 RTM, Kelapa Dua, Depok	Feb-10- 1983	61	TOEFL Preparation	TP 2	Rp 1.300.000
Yui	1112010004	Komp. Pesona Kayangan DV/14, Depok	Oct-26- 1982	29	General English	Failed	Rp 0
Yoshiki	1112010005	Komp. Bukit Rivaria sector III No.56, Sawangan, Depok	Mar-17- 1990	52	General English	IN 1	Rp 800.000
Younha	1112010006	Jl. Raya Lenteng Agung No.130, Lenteng Agung, Jak-Sel	Apr-04- 1985	70	Conversation	CV 3	Rp 1.200.000